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Issued 05-00

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School Bus

Catalog PB-20119



Strength • Power • Speed • Agility

MERITOR PARTS. RIGHT FROM THE START.

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MERITORTM

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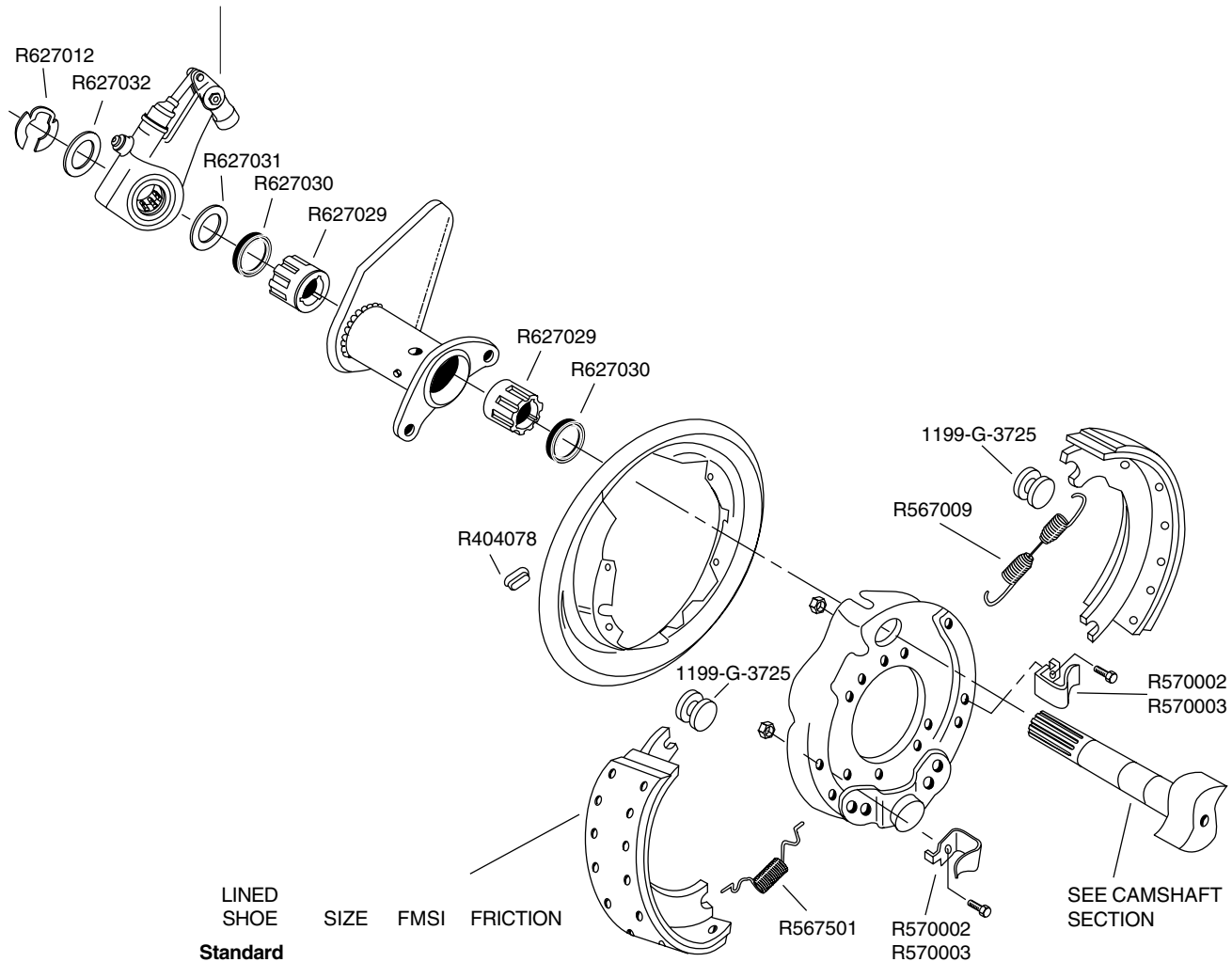


AIR BRAKE

EATON 15" DIA. STANDARD & "ES" "EXTENDED SERVICE" BRAKES

STEER AXLE BRAKE

SEE AUTOMATIC SLACK ADJUSTER SECTION



LINED SHOE	SIZE	FMSI	FRICTION
Standard			
R717083	4"	1308	MA212
R717045	4"	1308	R301
"Extended Service"			
R707106	4"	1443TT	MA212
R717107	4"	1443TT	R301

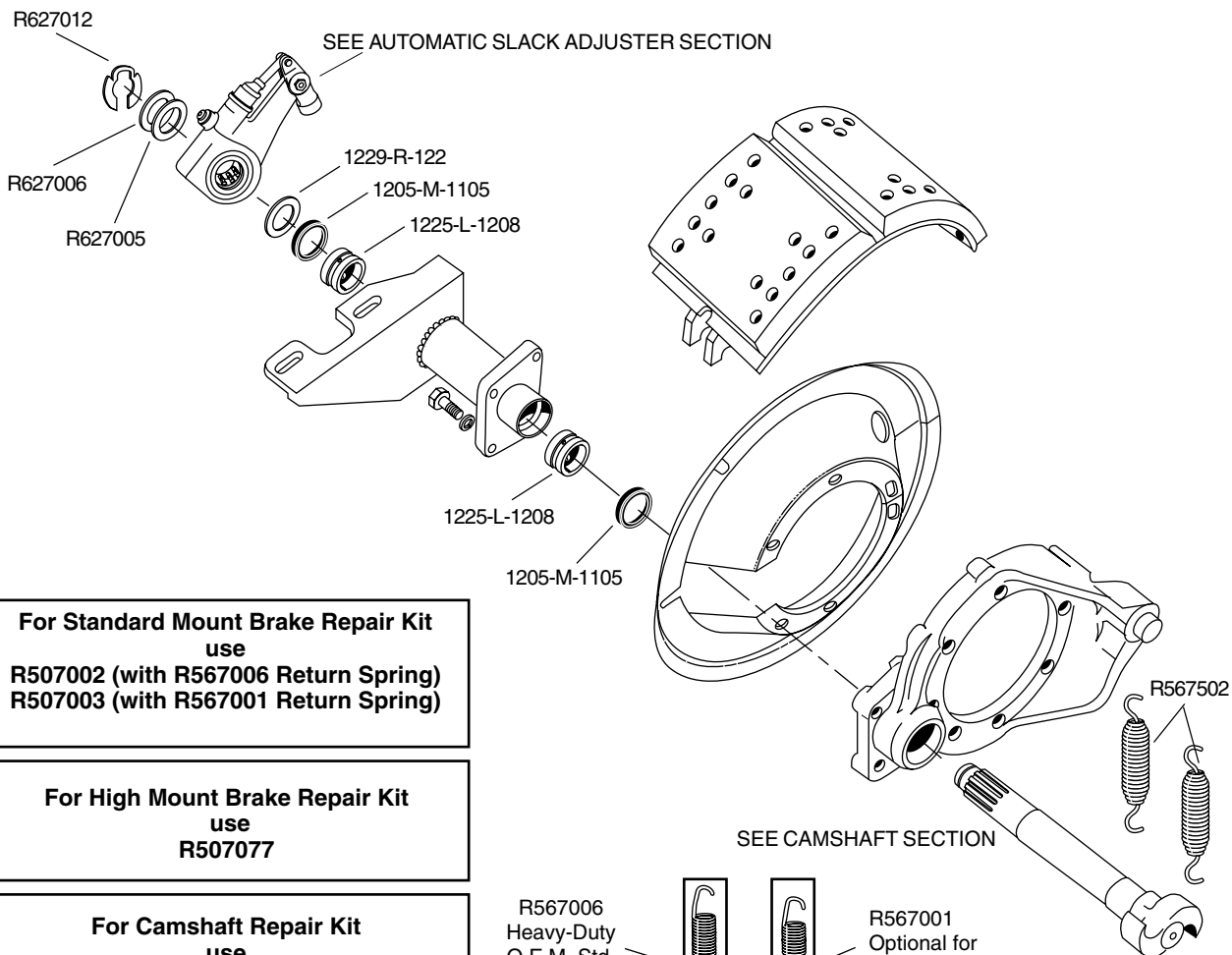
**For Brake Repair Kit
use
R507044**

**For Camshaft Repair Kit
use
R615013**

The part numbers listed here are the most popular for this brake and will not fit all applications. A more complete listing of each component type is included in this catalog to help you find the specific part that you need. To verify dimensional information, please refer to the corresponding place in this catalog.

EATON 16 1/2" DIA. 541 SERIES BRAKES

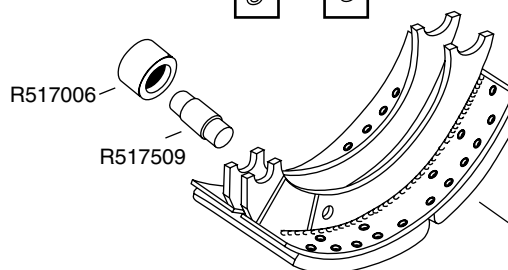
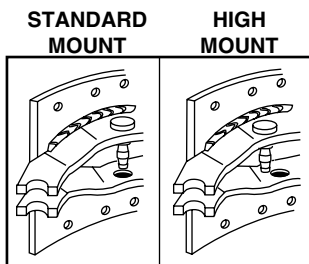
TRUCK AND TRACTOR BRAKE



For Standard Mount Brake Repair Kit
use
R507002 (with R567006 Return Spring)
R507003 (with R567001 Return Spring)

For High Mount Brake Repair Kit
use
R507077

For Camshaft Repair Kit
use
R615002

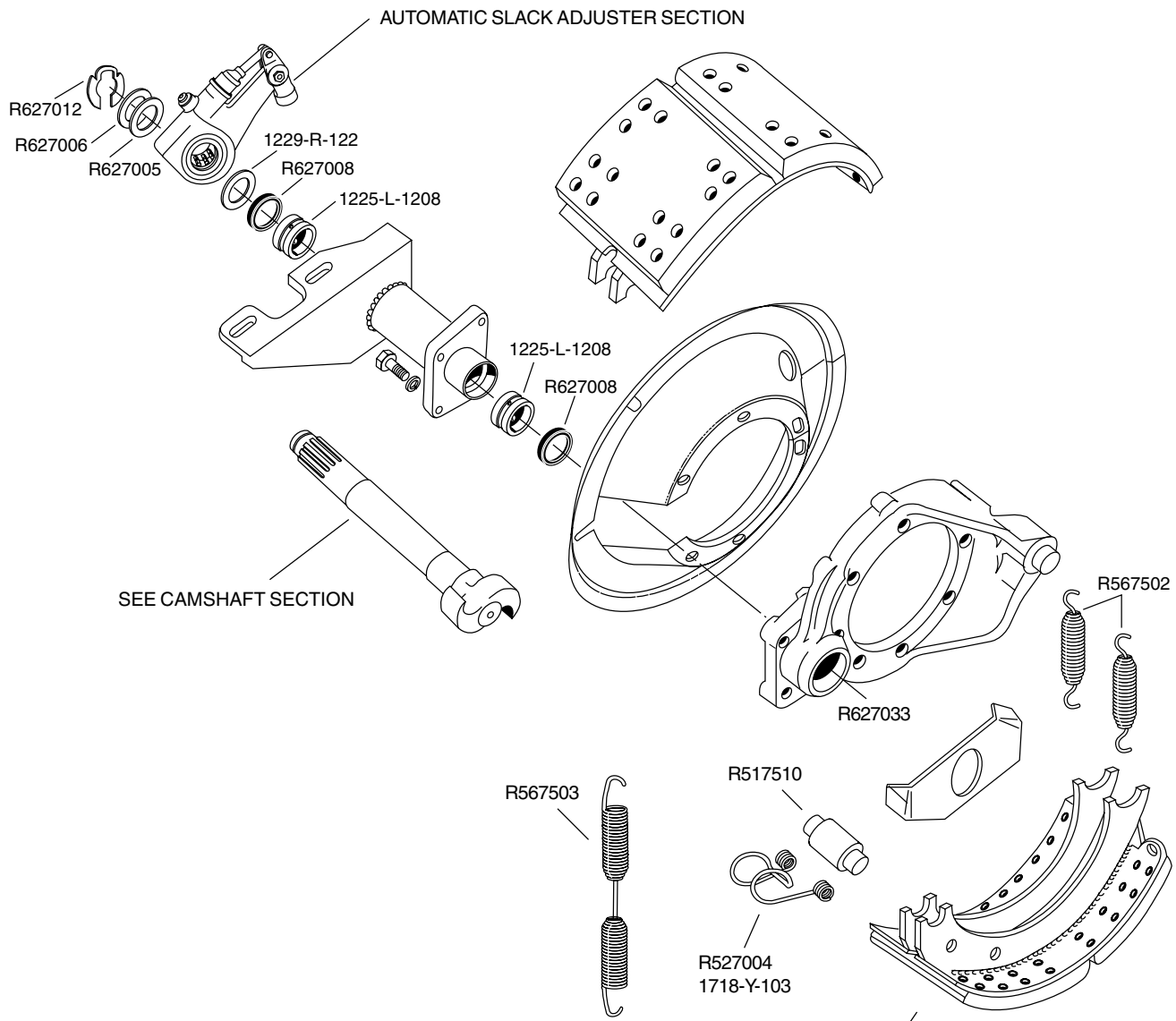


LINED SHOE	SIZE	FMSI	FRICTION
Standard Mount			
R717084	7"	4311J	MA212
R717012	7"	4311J	R301

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EATON 16 1/2" DIA. "ES" "EXTENDED SERVICE" BRAKES

TRUCK AND TRACTOR BRAKE



**For Brake Repair Kit
use R507057**

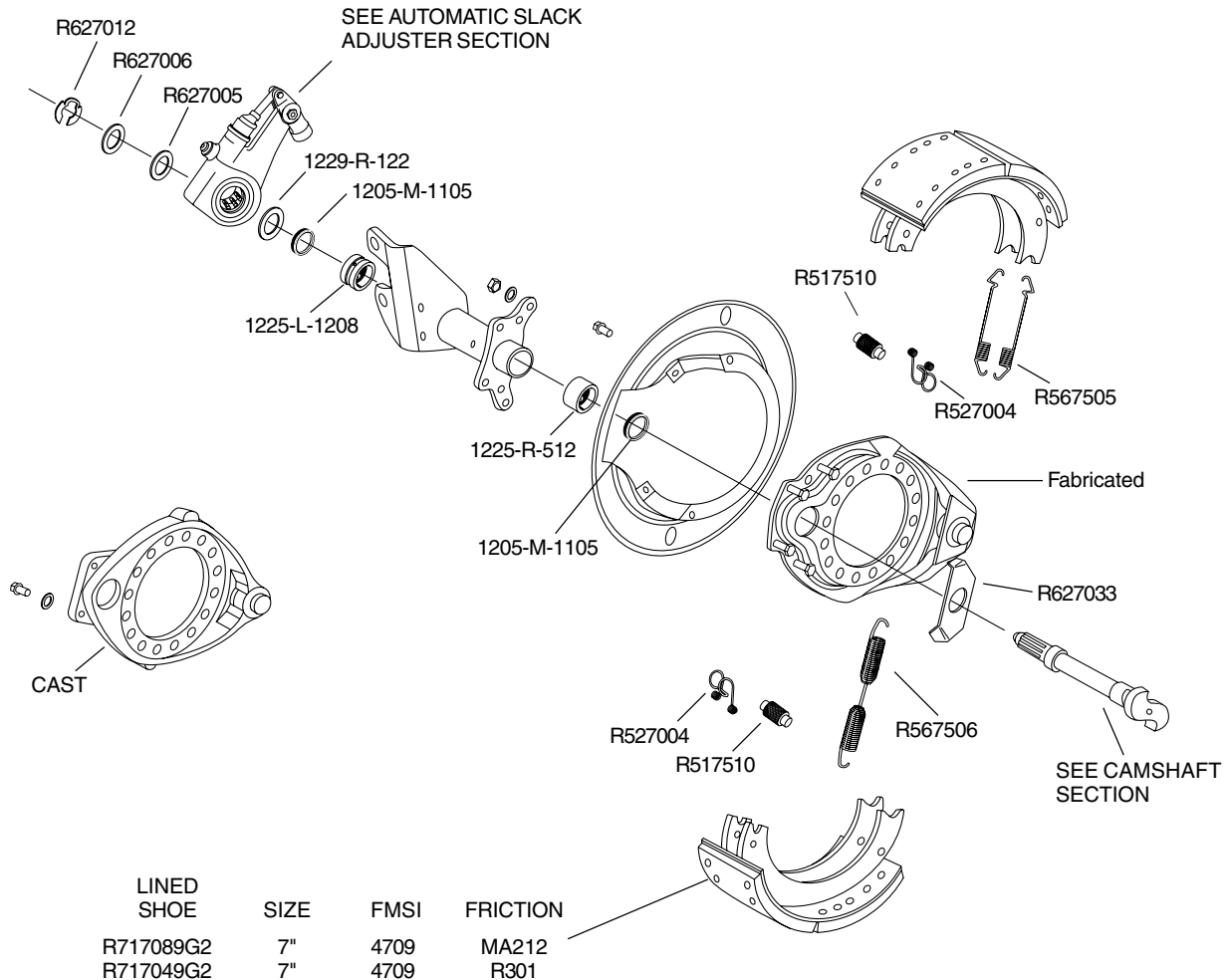
**For Camshaft Repair Kit
use R615015**

LINED SHOE	SIZE	FMSI	FRICTION
R717089	7"	4709	MA212
R717049	7"	4709	R301

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EATON 16 1/2" DIA. "ES II" "EXTENDED SERVICE" BRAKES

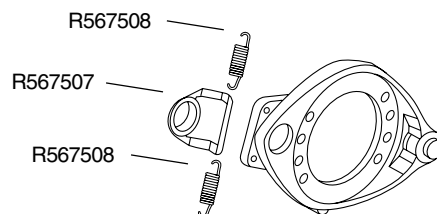
TRUCK AND TRACTOR BRAKE



For Brake Repair Kit
use
R507064 (Drive Axle)
R507094 (Steer Axle)

For Camshaft Repair Kit
use **R615021**

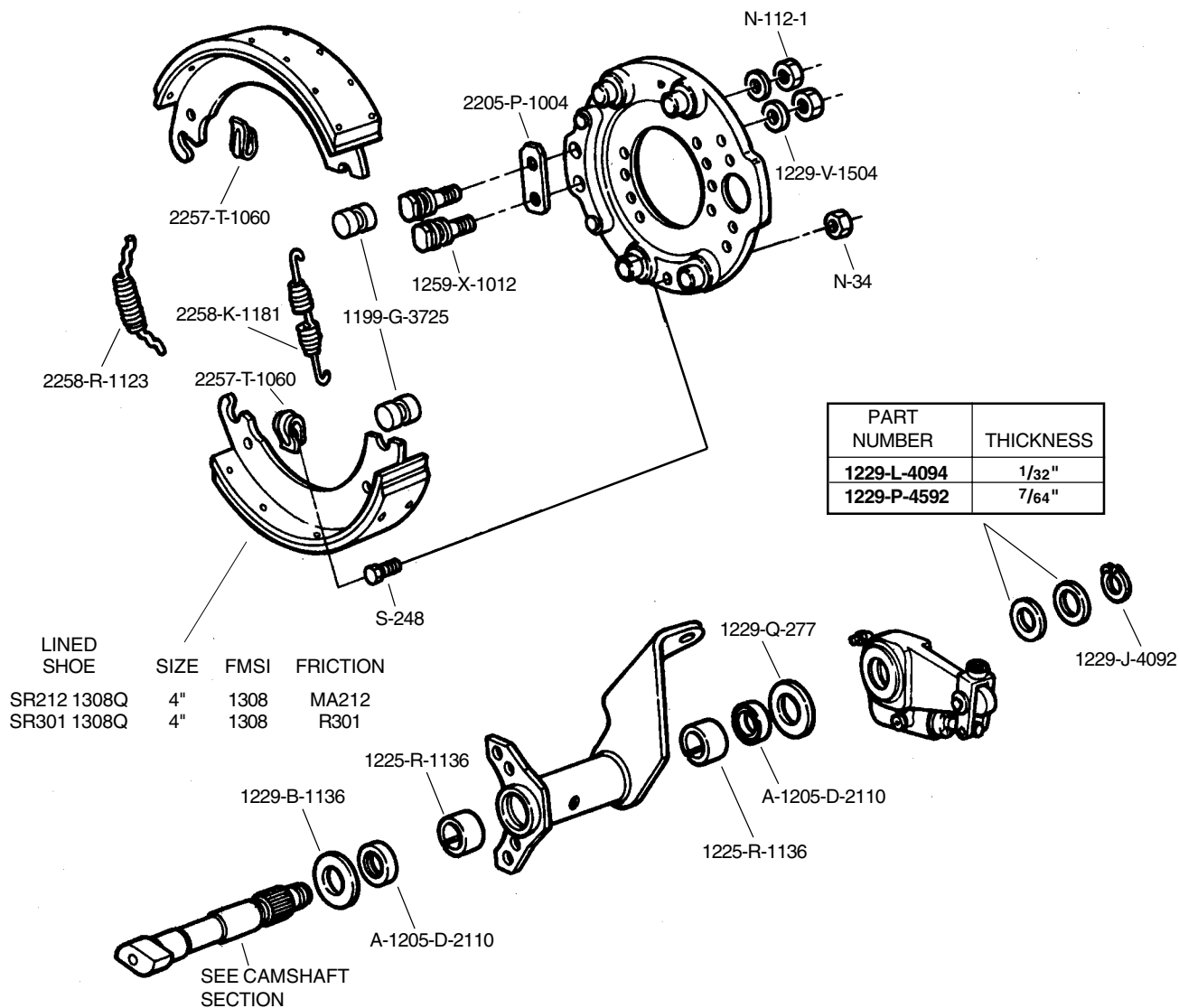
STEER AXLE BRAKES



The part numbers listed here are the most popular for this brake and will not fit all applications. A more complete listing of each component type is included in this catalog to help you find the specific part that you need. To verify dimensional information, please refer to the corresponding place in this catalog.

"Q" SERIES CAM BRAKES FOR STEERING AND DRIVE AXLES 15" x 4"

(CANNOT BE UPGRADED TO "Q PLUS")



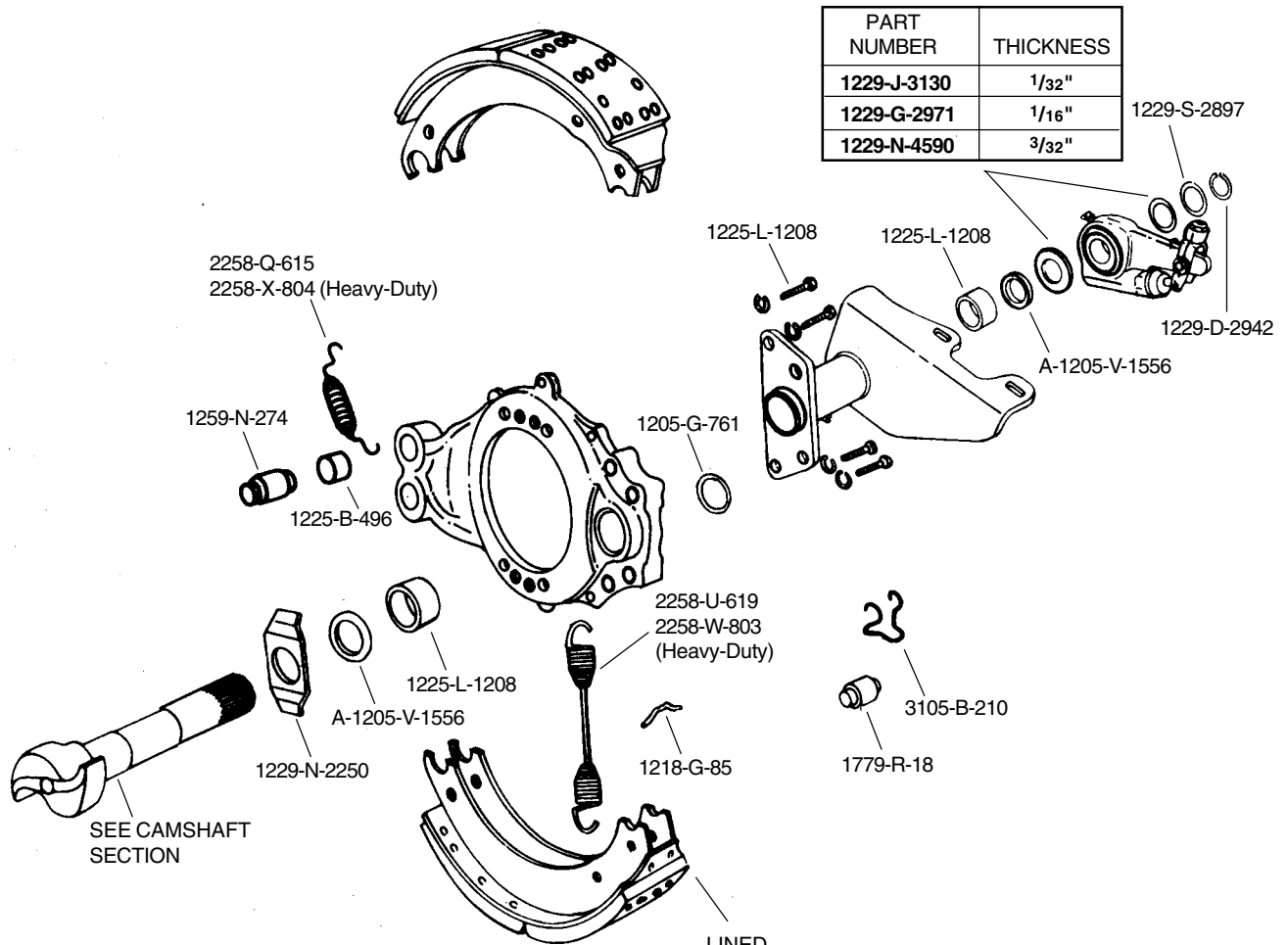
Brake Shoe Repair Kit:
Kit 8029

Camshaft Repair Kits:
Kit 8010-Washer
Kit 8022-Seal & Bushing

The part numbers listed here are the most popular for this brake and will not fit all applications. A more complete listing of each component type is included in this catalog to help you find the specific part that you need. To verify dimensional information, please refer to the corresponding place in this catalog.

"Q" SERIES CAM BRAKES FOR STEERING AND DRIVE AXLES 16 1/2" x 5", 6", 7", 8 5/8", 10

(7" CAN BE UPGRADED TO "Q PLUS")



PART NUMBER	THICKNESS
1229-J-3130	1/32"
1229-G-2971	1/16"
1229-N-4590	3/32"

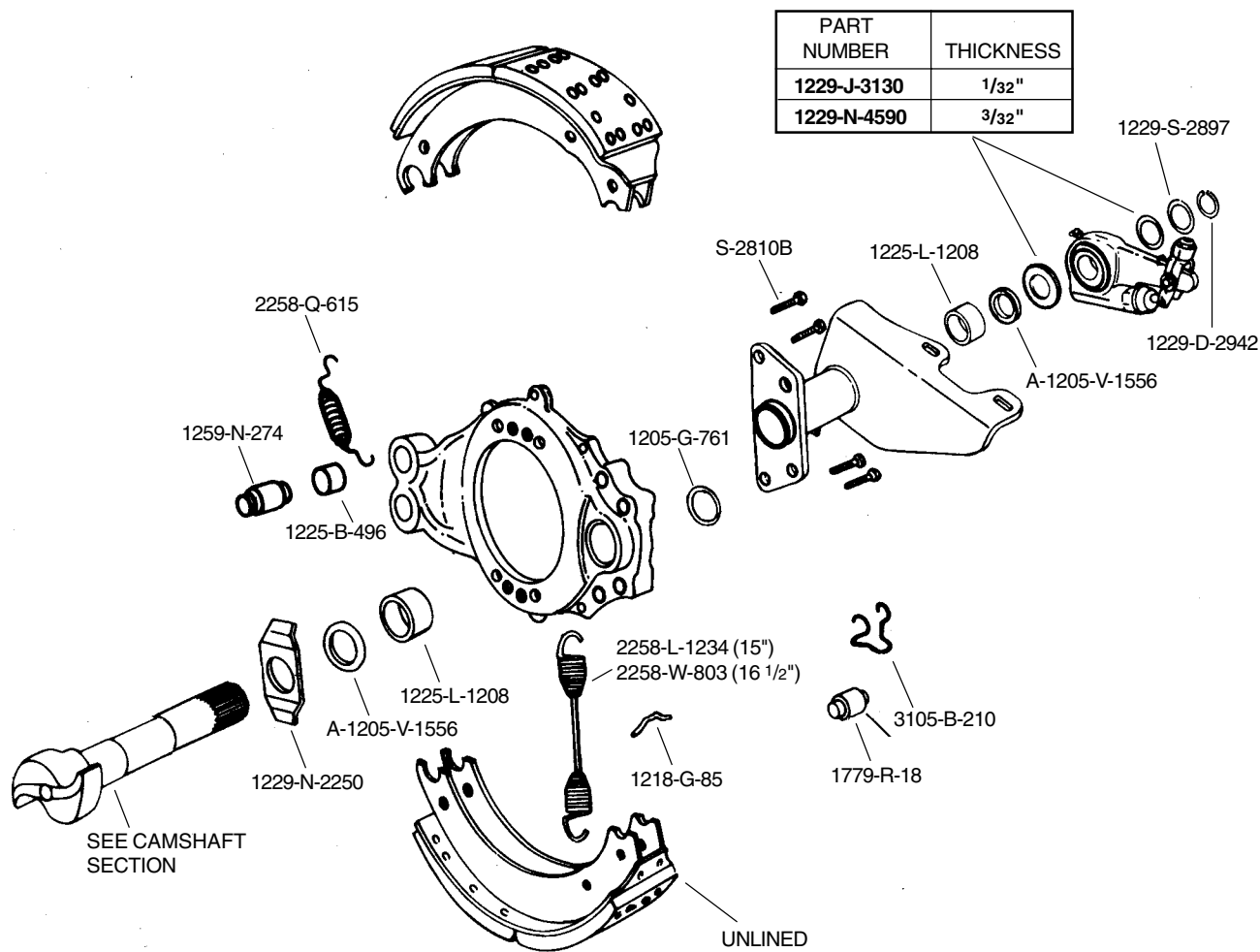
Brake Shoe Repair Kits:
Kit 8000
Kit 8000HD
(Heavy-Duty)

Camshaft Repair Kit:
Kit 8042

LINED SHOE	SIZE	FMSI	FRICTION
SR212 4524Q	5"	4524B	MA212
SR301 4524Q	5"	4524B	R301
SR301 4514Q	6"	4514	R301
S12212 4515Q	7"	4515	MA212
SR301 4515Q	7"	4515	R301

The part numbers listed here are the most popular for this brake and will not fit all applications. A more complete listing of each component type is included in this catalog to help you find the specific part that you need. To verify dimensional information, please refer to the corresponding place in this catalog.

"Q PLUS" SERIES CAM BRAKES FOR STEERING AND DRIVE AXLES 15 & 16 1/2"



PART NUMBER	THICKNESS
1229-J-3130	1/32"
1229-N-4590	3/32"

Brake Shoe Repair Kits:

Kit 8824HD-15"

Kit 8000HD-16 1/2"

UNLINED SHOE	SIZE	FMSI	FRICTION
15"			
SR212 4702QP	4"	4720D	MA212
SR301 4702QP	4"	4702D	R301
16 1/2"			
SR301 4720QP	5"	4720	R301
SR212 4715QP	6"	4715	MA212
SR301 4715QP	6"	4715	R301
SR212 4707QP	7"	4707	MA212
SR301 4707QP	7"	4707	R301

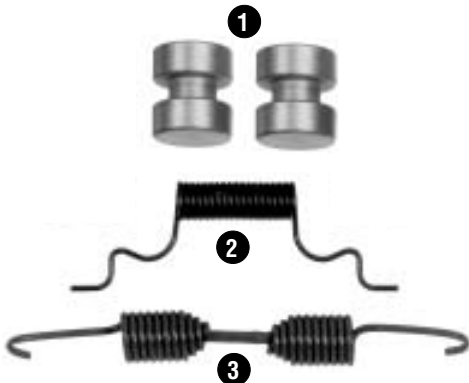
The part numbers listed here are the most popular for this brake and will not fit all applications. A more complete listing of each component type is included in this catalog to help you find the specific part that you need. To verify dimensional information, please refer to the corresponding place in this catalog.

BRAKE REPAIR KITS

R507004

EATON 15" SINGLE ANCHOR PIN FRONT BRAKE

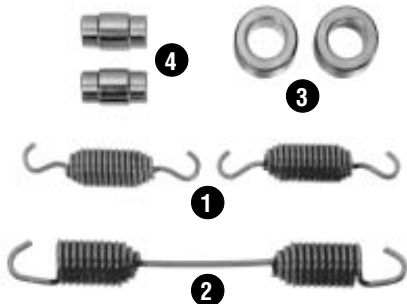
ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	1199-G-3725	Roller	Truck and tractor. For Meritor front (steering) axle. Services one brake. REPLACES Eaton 1008306
2	1	R567501	Retainer Spring	
3	1	R567009	Return Spring	



R507002

EATON 16 1/2" SINGLE ANCHOR PIN BRAKE

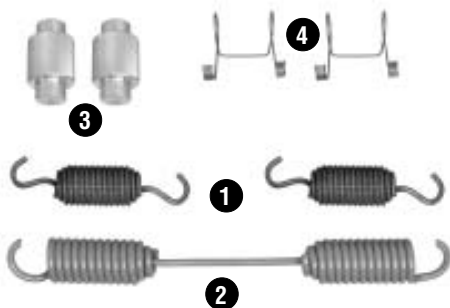
ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	R677502	Retainer Spring	REPLACES Eaton 1001238
2	1	R567006	Return Spring	
3	2	R517006	Roller	
4	2	R517509	Roller Pin	



R507057

EATON 16 1/2" "ES" "EXTENDED SERVICE" BRAKE

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	R567502	Retainer Spring	Can only be used with Eaton "ES" Camshafts REPLACES Eaton 808330
2	1	R567506	Return Spring	
3	2	R2517510	Roller	
4	2	1718-Y-103	Roller Retainer	



BRAKE REPAIR KITS

R507064

EATON 16 1/2" "ES II" "EXTENDED SERVICE" BRAKE

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	R567505	Retainer Spring	For use with "ES II" No -Tab shoes with retainer spring holes in web. Can only be used with Eaton "ES" camshaft. Important Note: Install retainer spring with coil end up. REPLACES Eaton 314147
2	1	R567506	Return Spring	
3	2	R517510	Roller	
4	2	R527004	Roller Retainer	

R507094

EATON 16 1/2" "ES II" EXTENDED SERVICE FRONT AXLE BRAKE

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	R567505	Retainer Spring	For use with "ES II" No -Tab shoes with retainer spring holes in web. Can only be used with Eaton "ES" camshaft. Important Note: Install retainer spring with coil end up. Return springs hook to collar around camshaft.
2	2	R567508	Return Spring	
3	2	R517510	Roller	
4	2	R527004	Roller Retainer	

R507077

EATON 16 1/2" SINGLE ANCHOR PIN BRAKE - FORD SPECIAL APPLICATION


ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	R567502	Retainer Spring	
2	1	*	Return Spring	
3	2	R517006	Roller	
4	2	R517509	Roller Pin	

* Not Sold
Seperatly

BRAKE SHOE REPAIR KITS - "Q" BRAKES


KIT 8029

15" x 4" "Q"

		ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	1259-X-1012	Anchor Pin	Hardware kit for Meritor front (steering) axle "Q" brakes. Services one brake. REPLACES K-283, E-3869, 8-1111		
2	1	2258-K-1181	Return Spring			
3	1	2258-E-1123	Retainer Spring			
4	2	1199-G-3725	Roller			
5	2	NL-112-1	Anchor Pin Lock Nut			
6	2	1229-V-1504	Anchor Pin Washer			
7	1	2205-P-1004	Anchor Pin Plate			

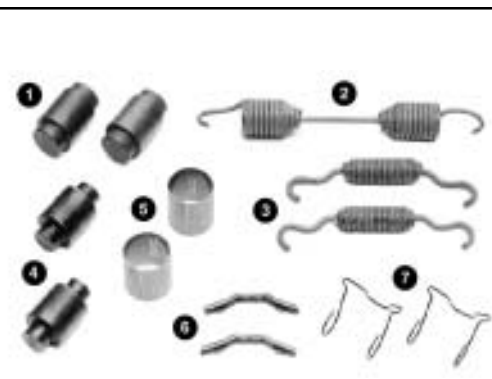
KIT 8824HD

15" "Q PLUS"

		ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	1779-R-18	Roller	Truck and tractor. For Meritor front (steering) axle. Services one brake.		
2	2	3105-B-210	Roller Retainer			
3	2	1218-G-85	Return Spring Pin			
4	2	1225-B-496	Anchor Pin Bushing			
5	2	1259-N-274	Anchor Pin			
6	2	2258-Q-615	Retainer Spring			
7	1	2258-L-1234	Return Spring			

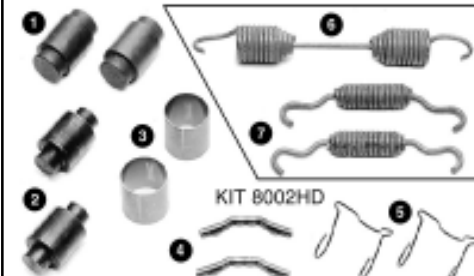
KIT 8000

16 1/2" "Q"

					ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	1259-N-274	Anchor Pin	Services all Q brake sizes, incl. Fruehauf, exc. those on front steering axles. For H.D. version see KIT 8000HD. Services one brake. REPLACES E-2769, TP-1877, 28A, 8-1088, K-70, K-117, 5-2245, 66861, 8-1092					
2	1	2258-U-619	Return Spring						
3	2	2258-Q-615	Retainer Spring						
4	2	1779-R-18	Roller						
5	2	1225-B-496	Anchor Pin Bushing						
6	2	1218-G-85	Return Spring Pin						
7	2	3105-B-210	Roller Retainer						

KIT 8000HD


16 1/2" "Q", "Q PLUS"

				
ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	1259-N-274	Anchor Pin	Same as KIT 8000 but with heavy duty return spring. Services all "Q" brake sizes, including Fruehauf, except those on front steering axles. Services one brake. REPLACES TP-8575, K-128A, 29A, E-2769SHD, 66867, M-K39, 8-1703
2	2	1779-R-18	Roller	
3	2	1225-B-496	Anchor Pin Bushing	
4	2	1218-G-85	Return Spring Pin	
5	2	3105-B-210	Roller Retainer	
6	1	2258-W-803	H.D. Return Spring	
7	2	2258-Q-615	Retainer Spring	

BRAKE REPAIR KITS - EATON 15"

KR717083

EATON 15" x 4" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	R717083	Shoe & Lining Assembly	Items 2-4 are contained in Kit R507004
	2	1	R567009	Return Spring	
	3	1	R567501	Retainer Spring	
	4	2	1199G3725	Roller	


KR717045

EATON 15" x 4" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	R717045	Shoe & Lining Assembly	Items 2-4 are contained in Kit R507004
	2	1	R567009	Return Spring	
	3	1	R567501	Retainer Spring	
	4	2	1199G3725	Roller	


R717083

EATON 15" x 4" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	R717083	Shoe & Lining Assembly	15" x 4" Lined Eaton Shoe 1308 FSMI MA212 Friction Material

R717045

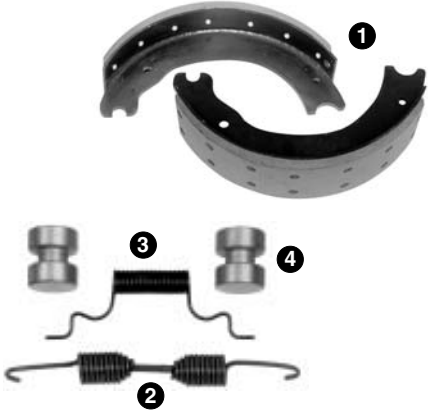
EATON 15" x 4" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	R717045	Shoe & Lining Assembly	15" x 4" Lined Eaton Shoe 1308 FSMI R301 Friction Material

BRAKE REPAIR KITS - EATON 15"

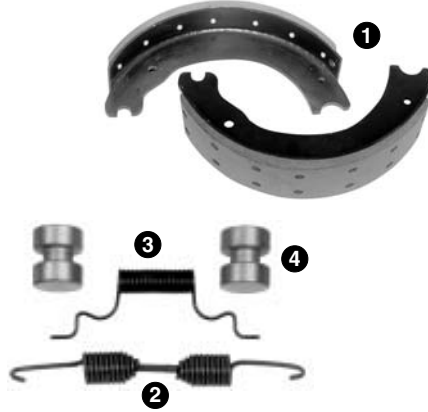
KR717106

EATON 15" x 4" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	R717106	Shoe & Lining Assembly	Items 2-4 are contained in Kit R507004 1443TT FMSI
	2	1	R567009	Return Spring	
	3	1	R567501	Retainer Spring	
	4	2	119963725	Roller	


KR717107

EATON 15" x 4" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	R717145	Shoe & Lining Assembly	Items 2-4 are contained in Kit R507004 1443TT FMSI
	2	1	R567009	Return Spring	
	3	1	R567501	Retainer Spring	
	4	2	119963725	Roller	


R717106

EATON 15" x 4" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	R717106	Shoe & Lining Assembly	15" x 4" Lined Eaton Shoe 1443TT FMSI MA212 Friction Material

R717107


EATON 15" x 4" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	R717107	Shoe & Lining Assembly	15" x 4" Lined Eaton Shoe 1443TT FMSI R301 Friction Material

BRAKE REPAIR KITS - MERITOR 15"


KSR212 1308Q

MERITOR 15" x 4" "Q" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	SR212 1308Q	Shoe & Lining Assembly	Front axle applications. Use 2257-U-1061 clip for 2" offset. Use 2257-T-1060 clip for 1-1/2" offset. Items 2-15 available as KIT 8021 REPLACES KIT 8309CFF
	2	2	1259-X-1012	Anchor Pin	
	3	2	1229-V-1504	Washer	
	4	2	NL-112-1	Nut	
	5	2	2257-U-1061	Hold Down Clip	
	6	2	S-248	Capscrew-Clip	
	7	2	N-34	Nut-Hold Down Clip	
	8	2	2257-T-1060	Hold Down Clip	
	9	1	2258-K-1181	Return Spring	
	10	1	2258-E-1123	Retaining Spring	
	11	2	1225-R-1136	Anchor Pin Bushing	
	12	2	A-1205-D-2110	Seal	
	13	1	2297-U-4571	Grease (1 oz.)	
	14	1	2205-P-1004	Plate	
	15	2	1199-G-3725	Roller	


KSR301 1308Q

MERITOR 15" x 4" "Q" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	SR301 1308Q	Shoe & Lining Assembly	Front axle applications. Use 2257-U-1061 clip for 2" offset. Use 2257-T-1060 clip for 1-1/2" offset. Items 2-15 available as KIT 8021
	2	2	1259-X-1012	Anchor Pin	
	3	2	1229-V-1504	Washer	
	4	2	NL-112-1	Nut	
	5	2	2257-U-1061	Hold Down Clip	
	6	2	S-248	Capscrew-Clip	
	7	2	N-34	Nut-Hold Down Clip	
	8	2	2257-T-1060	Hold Down Clip	
	9	1	2258-K-1181	Return Spring	
	10	1	2258-E-1123	Retaining Spring	
	11	2	1225-R-1136	Anchor Pin Bushing	
	12	2	A-1205-D-2110	Seal	
	13	1	2297-U-4571	Grease (1 oz.)	
	14	1	2205-P-1004	Plate	
	15	2	1199-G-3725	Roller	


SR212 1308Q

MERITOR 15" x 4" "Q" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR212 1308Q	Shoe & Lining Assembly	15" x 4" Lined Meritor Shoe 1308 FMSI MA212 Friction Material

SR301 1308Q


MERITOR 15" x 4" "Q" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR301 1308Q	Shoe & Lining Assembly	15" x 4" Lined Meritor Shoe 1308 FMSI R301 Friction Material

BRAKE REPAIR KITS - MERITOR 15"


KSR212 4702QP

MERITOR 15" x 4" "Q PLUS" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	SR212 4702QP	Shoe & Lining Assembly	Front axle applications
	2	2	1779-R-18	Roller	Items 2-8 available as KIT 8824HD
	3	2	3105-B-210	Roller Retainer	
	4	2	1218-G-85	Return Spring Pin	
	5	2	1225-B-496	Anchor Pin Bushing	
	6	2	1259-N-274	Anchor Pin	
	7	2	2258-Q-615	Retaining Spring	
	8	1	2258-L-1234	Return Spring	


KSR301 4702QP

MERITOR 15" x 4" "Q PLUS" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	SR301 4702QP	Shoe & Lining Assembly	Front axle applications
	2	2	1779-R-18	Roller	Items 2-8 available as KIT 8824HD
	3	2	3105-B-210	Roller Retainer	
	4	2	1218-G-85	Return Spring Pin	
	5	2	1225-B-496	Anchor Pin Bushing	
	6	2	1259-N-274	Anchor Pin	
	7	2	2258-Q-615	Retaining Spring	
	8	1	2258-L-1234	Return Spring	


SR212 4702QP

MERITOR 15" x 4" "Q PLUS" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR212 4702QP	Shoe & Lining Assembly	15" x 4" Lined Meritor "Q Plus" Shoe 4702 FMSI MA212 Friction Material

SR301 4702QP

MERTOR 15" x 4" "Q PLUS" SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR301 4702QP	Shoe & Lining Assembly	15" x 4" Lined Meritor Meritor "Q Plus" Shoe 4702 FMSI R301 Friction Material

BRAKE REPAIR KITS - EATON 16 1/2"

KR717084

EATON 16 1/2" x 7" LINED SHOE KITS

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	R717084	Shoe & Lining Assembly	Item 2-5 Also in Kit R507002
2	2	R517509	Roller Pin	
3	2	R517006	Roller	
4	2	R567502	Retainer Springs	
5	1	R567006	Return Spring	

KR717012

EATON 16 1/2" x 7" LINED SHOE KITS

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	R717012	Shoe & Lining Assembly	Item 2-5 Also in Kit R507002
2	2	R517509	Roller Pin	
3	2	R517006	Roller	
4	2	R567502	Retainer Springs	
5	1	R567006	Return Spring	

R717084

EATON 16 1/2" x 7" LINED SHOE

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	1	R717084	Shoe & Lining Assembly	16 1/2" x 7" Lined Eaton Shoe 4311J FMSI MA212 Friction Material

R717012

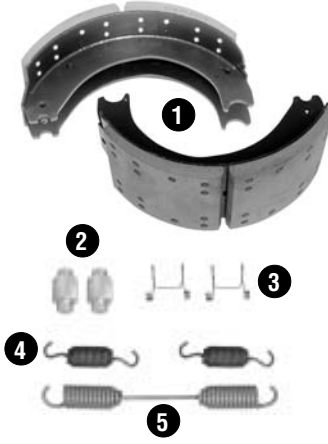
EATON 16 1/2" x 7" LINED SHOE

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	1	R717084	Shoe & Lining Assembly	16 1/2" x 7" Lined Eaton Shoe 4311J FMSI R301 Friction Material

BRAKE REPAIR KITS - EATON "ES" 16 1/2"

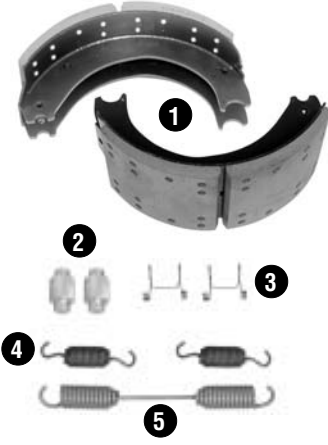
KR717089

EATON 16 1/2" x 7" "ES" LINED SHOE KITS

		ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
		1	2	R717089	Shoe & Lining Assembly	Items 2-5 available as KIT R507057 4709 FMSI
	2	2	R517510	Rollers		
	3	2	R527004	Roller Retainer		
	4	2	R567502	Retainer Springs		
	5	1	R567503	Return Spring		


KR717049

EATON 16 1/2" x 7" "ES" LINED SHOE KITS

				
ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	R717049	Shoe & Lining Assembly	Items 2-5 available as KIT R507057
2	2	R517510	Rollers	
3	2	R527004	Roller Retainer	
4	2	R567502	Retainer Springs	
5	1	R567503	Return Spring	


R717089

EATON 16 1/2" x 7" "ES" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	R717089	Shoe & Lining Assembly	16 1/2" x 7" Lined Eaton "ES" Shoe 4709 FMSI MA212 Friction Material

R717049

EATON 16 1/2" x 7" "ES" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	R717049	Shoe & Lining Assembly	16 1/2" x 7" Lined Eaton "ES" Shoe 4709 FMSI R301 Friction Material

BRAKE REPAIR KITS - EATON "ESII" 16 1/2"

KR717089G2

EATON 16 1/2" x 7" "ES II" LINED SHOE KITS

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	R717089G2	Shoe & Lining Assembly	Items 2-5 available as KIT R507064 4709 FMSI
2	2	R517510	Roller	
3	2	R527004	Roller Retainer	
4	2	R567505	Retainer Springs	
5	1	R567506	Return Spring	

KR717049G2

EATON 16 1/2" x 7" "ES II" LINED SHOE KITS

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	2	R717049G2	Shoe & Lining Assembly	Items 2-5 available as KIT R507064 4709 FMSI
2	2	R517510	Rollers	
3	2	R527004	Roller Retainer	
4	2	R567505	Retainer Springs	
5	1	R567506	Return Spring	

R717089G2

EATON 16 1/2" x 7" "ES II" LINED SHOE

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	1	R717089	Shoe & Lining Assembly	16 1/2" x 7" Lined Eaton "ES II" Shoe 4709 FMSI MA212 Friction Material

R717049G2

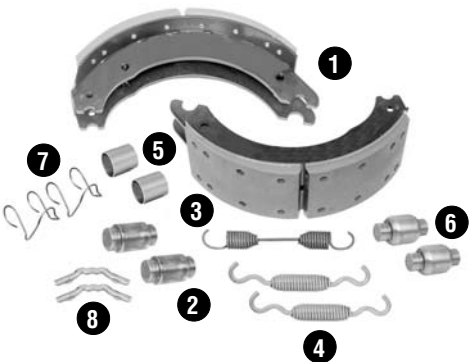
EATON 16 1/2" x 7" "ES II" LINED SHOE

ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
1	1	R717089	Shoe & Lining Assembly	16 1/2" x 7" Lined Eaton "ES II" Shoe 4709 FMSI R301 Friction Material

BRAKE REPAIR KITS - MERITOR "Q" 16 1/2"

KSR212 4524Q

MERITOR 16 1/2" x 5" "Q" LINED SHOE KITS

		ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
		1	2	SR212 4524Q	Shoe & Lining Assembly	Items 2-8 available as KIT 8000 4524 FMSI
	2	2	1259-N-274	Anchor Pin		
	3	1	2258-U-619	Return Spring		
	4	2	2258-Q-615	Retainer Spring		
	5	2	1225-B-496	Anchor Pin Bushing		
	6	2	177-R-18	Roller		
	7	2	3105-B-210	Roller Retainer		
	8	2	1218-G-85	Return Spring Pin		


KSR301 4524Q

MERITOR 16 1/2" x 5" "Q" LINED SHOE KITS

		ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
		1	2	SR301 4524Q	Shoe & Lining Assembly	Items 2-8 available as KIT 8000 4524 FMSI
	2	2	1259-N-274	Anchor Pin		
	3	1	2258-U-619	Return Spring		
	4	2	2258-Q-615	Retainer Spring		
	5	2	1225-B-496	Anchor Pin Bushing		
	6	2	177-R-18	Roller		
	7	2	3105-B-210	Roller Retainer		
	8	2	1218-G-85	Return Spring Pin		


SR212 4524Q

MERITOR 16 1/2" x 5" "Q" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR212 4524Q	Shoe & Lining Assembly	16 1/2" x 5" Lined Meritor "Q" Shoe 4524B FMSI MA212 Friction Material

SR301 4524Q

MERITOR 16 1/2" x 5" "Q" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR212 4524Q	Shoe & Lining Assembly	16 1/2" x 5" Lined Meritor "Q" Shoe 4524B FMSI R301 Friction Material

BRAKE REPAIR KITS - MERITOR "Q" 16 1/2"

KSR301 4514QR


MERITOR 16 1/2" x 6" "Q" LINED SHOE KITS

AIR BRAKE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	SR301 4514QR	Shoe & Lining Assembly	Relocated return spring hole.
	2	1	2258-Y-1273	Return Spring	
	3	2	2258-Q-615	Retainer Spring	Items 2-5 available as KIT 8080
	4	2	1259-N-274	Anchor Pin	
	5	2	1225-B-496	Anchor Pin Bushing	
				Replaces KIT 8237AFF	

SR301 4514Q


MERITOR 16 1/2" x 6" "Q" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR301 4514Q	Shoe & Lining Assembly	16 1/2" x 6" Lined Meritor "Q" Shoe 4514 FMSI R301 Friction Material

BRAKE REPAIR KITS - MERITOR "Q" 16 1/2"


KSR212 4515Q

MERITOR 16 1/2" x 7" "Q" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	1259-N-274	Anchor Pin	Items 1-7 available as KIT 8000
	2	1	2258-U-619	Return Spring	
	3	2	2258-Q-615	Retaining Spring	
	4	2	1225-B-496	Anchor Pin Bushing	
	5	2	1779-R-18	Roller	
	6	2	3105-B-210	Roller Retainer	
	7	2	1218-G-85	Return Spring Pin	
	8	2	SR212 4515Q	Shoe and Lining Assembly	


KSR301 4515Q

MERITOR 16 1/2" x 7" "Q" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	1259-N-274	Anchor Pin	Items 1-7 available as KIT 8000
	2	1	2258-U-619	Return Spring	
	3	2	2258-Q-615	Retaining Spring	
	4	2	1225-B-496	Anchor Pin Bushing	
	5	2	1779-R-18	Roller	
	6	2	3105-B-210	Roller Retainer	
	7	2	1218-G-85	Return Spring Pin	
	8	2	SR301 4515Q	Shoe and Lining Assembly	


2SR202 4515Q

MERITOR 16 1/2" x 7" "Q" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	SR202 4515Q	Shoe and Lining Assembly	Contains two 16 1/2" x 7" Lined "Q" shoes. Services one brake.

2SR301 4515Q

MERITOR 16 1/2" x 7" "Q" LINED SHOE

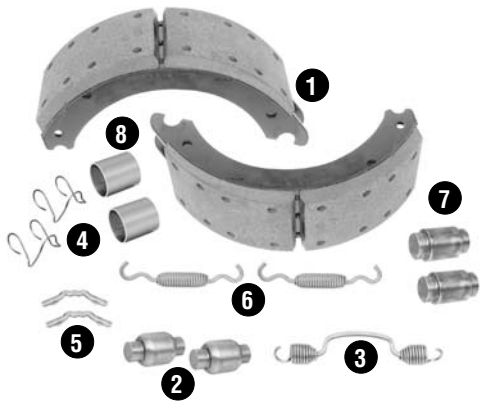
	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	SR202 4515Q	Shoe and Lining Assembly	Contains two 16 1/2" x 7" Lined "Q" shoes. Services one brake.

BRAKE REPAIR KITS - MERITOR "Q PLUS" 16 1/2"

KSR301 4720QP


MERITOR 16 1/2" x 5" "Q PLUS" LINED SHOE KITS

AIR BRAKE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	S301 4720QP	Shoe & Lining Assembly	Items 2-8 available as KIT 8028A
	2	2	1779-R-18	Roller	
	3	1	2258-Y-1273	Return Spring	
	4	2	3105-B-210	Roller Retainer	
	5	2	1218-6-85	Return Spring Pin	
	6	2	2258-Q-615	Retainer Spring	
	7	2	1259-N-274	Anchor Pin	
	8	2	1225-B-496	Anchor Pin Bushing	

SR301 4720QP


MERITOR 16 1/2" x 5" "Q PLUS" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR301 4720QP	Shoe & Lining Assembly	Contains two 16 1/2" x 5" Lined Meritor "Q Plus" shoes. 4720 FMSI R301 Friction Material

BRAKE REPAIR KITS - MERITOR "Q PLUS" 16 1/2"

KSR212 4715QP

MERITOR 16 1/2" x 6" "Q PLUS" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	1259-N-274	Anchor Pin	Items 1-7 available as KIT 8000HD 4707 FMSI
	2	1	2258-W-803	H.D. Return Spring	
	3	2	2258-Q-615	Retaining Spring	
	4	2	1225-B-496	Anchor Pin Bushing	
	5	2	1779-R-18	Brake Shoe Roller	
	6	2	3105-B-210	Roller Retainer	
	7	2	1218-G-85	Return Spring Pin	
	8	2	SR2124707QP	Shoe & Lining Assembly	


KSR301 4715QP

MERITOR 16 1/2" x 6" "Q PLUS" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	1259-N-274	Anchor Pin	Items 1-7 available as KIT 8000HD 4707 FMSI
	2	1	2258-W-803	H.D. Return Spring	
	3	2	2258-Q-615	Retaining Spring	
	4	2	1225-B-496	Anchor Pin Bushing	
	5	2	1779-R-18	Brake Shoe Roller	
	6	2	3105-B-210	Roller Retainer	
	7	2	1218-G-85	Return Spring Pin	
	8	2	SR212 4707QP	Shoe & Lining Assembly	


SR212 4715QP

MERITOR 16 1/2" x 6" "Q PLUS" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR212 4715QP	Shoe and Lining Assembly	16 1/2" x 6" lined Meritor "Q Plus" shoes. 4715 FMSI MA212 Friction Material

SR301 4715QP


MERITOR 16 1/2" x 6" "Q PLUS" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR212 4715QP	Shoe and Lining Assembly	16 1/2" x 6" lined Meritor "Q Plus" shoes. 4715 FMSI R301 Friction Material

BRAKE REPAIR KITS - MERITOR "Q PLUS" 16 1/2"


KSR212 4707QP

MERITOR 16 1/2" x 7" "Q PLUS" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	1259-N-274	Anchor Pin	Items 1-7 available as KIT 8000HD
	2	1	2258-W-803	H.D. Return Spring	
	3	2	2258-Q-615	Retaining Spring	
	4	2	1225-B-496	Anchor Pin Bushing	
	5	2	1779-R-18	Roller	
	6	2	3105-B-210	Roller Retainer	
	7	2	1218-G-85	Return Spring Pin	
	8	2	SR2124707QP	Shoe & Lining Assembly	


KSR301 4707QP

MERITOR 16 1/2" x 7" "Q PLUS" LINED SHOE KITS

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	2	1259-N-274	Anchor Pin	Items 1-7 available as KIT 8000HD
	2	1	2258-W-803	H.D. Return Spring	
	3	2	2258-Q-615	Retaining Spring	
	4	2	1225-B-496	Anchor Pin Bushing	
	5	2	1779-R-18	Roller	
	6	2	3105-B-210	Roller Retainer	
	7	2	1218-G-85	Return Spring Pin	
	8	2	SR301 4707QP	Shoe & Lining Assembly	


SR2124707QP

MERITOR 16 1/2" x 7" "Q PLUS" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR212 4707QP	Shoe & Lining Assembly	16 1/2" x 7" Lined Meritor "Q Plus" Shoe 4707 FMSI MA212 Friction Material

SR3014707QP

MERITOR 16 1/2" x 7" "Q PLUS" LINED SHOE

	ITEM	QTY.	MERITOR COMPONENT NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	1	SR301 4707QP	Shoe & Lining Assembly	16 1/2" x 7" Lined Meritor "Q Plus" Shoe 4707 FMSI R301 Friction Material

BRAKE CAMSHAFTS—STEERING AXLE

FOR EATON 15" SINGLE ANCHOR PIN BRAKES

1 1/4" Dia. - 10 Spline

Use Camshaft Repair Kit:

R615013

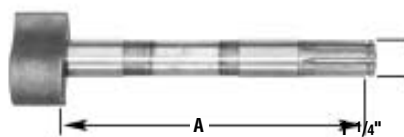
Use Brake Shoe Kit:

R507004

Nominal Head
Dimension - 1 1/4"



Left Hand



LH and RH indicates only the direction of cam rotation;
NOT which side of the vehicle the cam is on.
(LH = Counterclockwise) (RH = Clockwise)

All Camshaft lengths ("A" Dim.) are measured from under camshaft head to the outside of the outer snap ring groove, therefore minor length discrepancies could occur based on different manufactures' measuring parameters.

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
R607127	L.H.	7 3/4"	Eaton 1006724, Euclid E-5058, Batco 04-150762	Front Axle Application
R607128	R.H.		Eaton 1006725, Euclid E-5059, Batco 04-150761	
R607129	L.H.	8 1/32"	Eaton 1006726, Euclid E-5129 Batco 04-150812, Leland L-2835	Front Axle Application
R607130	R.H.		Eaton 1006727, Euclid E-5130 Batco 04-150811, Leland L-2834	
R607141	L.H.	8 9/32"	Eaton 1006948, Euclid E-5064	Front Axle Application
R607142	R.H.		Eaton 1006949, Euclid E-5065	
R607133	L.H.	8 21/32"	Eaton 1006730, Euclid E-5060, Batco 04-150862	Front Axle Application
R607134	R.H.		Eaton 1006731, Euclid E-5061, Batco 04-150861	
R607143	L.H.	9 1/32"	Eaton 1008006, Euclid E-5066, Batco 04-150912	Front Axle Application
R607144	R.H.		Eaton 1008007, Euclid E-5067, Batco 04-150911	
R607137	L.H.	9 9/32"	Eaton 1006866, Euclid E-5131, Batco 04-150932	Front Axle Application
R607138	R.H.		Eaton 1006867, Euclid E-5132, Batco 04-150931	
R607131	L.H.	9 21/32"	Eaton 1006728, Euclid E-5133 Batco 04-150962, Leland L-2839	Front Axle Application
R607132	R.H.		Eaton 1006729, Euclid E-5134 Batco 04-150961, Leland L-2838	
R607139	L.H.	9 7/8"	Eaton 1006940, Euclid E-5135 Batco 04-151002, Leland L-2837	Front Axle Application
R607140	R.H.		Eaton 1006941, Euclid E-5136 Batco 04-151001, Leland L-2836	
R607135	L.H.	11"	Eaton 1006864, Euclid E-5062, Batco 04-151112	Front Axle Application
R607136	R.H.		Eaton 1006866, Euclid E-5063, Batco 04-151111	
R307145	L.H.	11 7/32"	Eaton 1008246, Euclid E-5068	Front Axle Application
R607146	R.H.		Eaton 1008247, Euclid E-5069	

BRAKE CAMSHAFTS—STEERING AXLE

FOR EATON 15" "ES" "EXTENDED SERVICE" BRAKES

Use Camshaft Repair Kit:

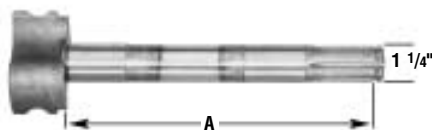
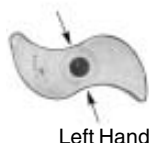
R615013

Use Brake Shoe Kit:

R507004

1 1/4" Dia. - 10 Spline

Nominal Head
Dimension - 1"



LH and RH indicates only the direction of cam rotation;
NOT which side of the vehicle the cam is on.
(LH = Counterclockwise) (RH = Clockwise)

All Camshaft lengths ("A" Dim.) are measured from under camshaft head to the outside of the outer snap ring groove, therefore minor length discrepancies could occur based on different manufactures' measuring parameters.

Important Note: These cams are "extended life" versions of this manufacturer's "standard version".

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
R607121	L.H.	8 1/32"	Eaton 813486, Euclid 9028, Batco 04-160812	Front Axle Application
R607122	R.H.		Eaton 813487, Euclid 9029, Batco 04-160811	
R607117	L.H.	9 9/32"	Eaton 813480, Euclid 9030, Batco 04-160932	Front Axle Application
R607118	R.H.		Eaton 813481, Euclid 9031, Batco 04-160931	
R607119	L.H.	9 21/32"	Eaton 813482, Euclid 9032, Batco 04-160962	Front Axle Application
R607120	R.H.		Eaton 813483, Euclid 9033, Batco 04-160961	
R607123	L.H.	9 7/8"	Eaton 813494, Euclid 9034, Batco 04-161002	Front Axle Application
R607124	R.H.		Eaton 813495, Euclid 9035, Batco 04-161001	

BRAKE CAMSHAFTS—STEERING AXLE

FOR MERITOR 15" "T" AND "Q" BRAKE - NEW STYLE "S"

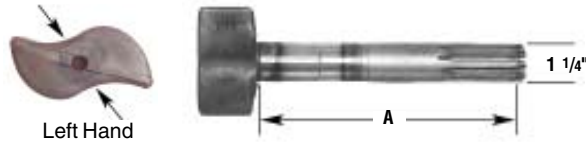
Use Camshaft Repair Kit:
KIT9300 ("T")
KIT8022 ("Q")

Nominal Head
 Dimension - 1 3/16"

1 1/4" Dia. - 10 Spline

All Cam Lengths ("A" Dim.) are measured from **under Cam Head to beginning of Lock Ring Groove.**

Use "T" Brake Repair Kit:
KIT9094
 Use "Q" Brake Repair Kit:
KIT8029



LH and RH indicates only the direction of cam rotation;
NOT which side of the vehicle the cam is on.
 (LH = Counterclockwise) (RH = Clockwise)
 These cams can replace old style "flat" head cams in pairs.

All Camshaft lengths ("A" Dim.) are measured from under camshaft head to the outside of the outer snap ring groove, therefore minor length discrepancies could occur based on different manufactures' measuring parameters.

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
2210-D-6842	L.H.	7 25/32"	Meritor 2210-C-5021, 2210-Q-5399 Euclid E-9693, Batco 04-200772	Front Axle Application
2210-E-6843	R.H.		Meritor 2210-D-5022, 2210-R-5400 Euclid E-9694, Batco 04-200771	
2210-F-6844	L.H.	8 1/64"	Meritor 2210-S-5973, 2210-Q-5555S, 2210-Y-4991 Euclid E-9695, Batco 04-200812, Leland L-1738 Spicer 18-857	Front Axle Application
2210-G-6845	R.H.		Meritor 2210-T-5974, 2210-R-5556S, 2210-Z-4992 Euclid E-9696, Batco 04-200811, Leland L-1737 Spicer 18-856	
2210-M6851	L.H.	8 9/16"	Meritor 2210-A-5019, 2210-X-5952, 2210-U-5611 Euclid E-9697, Leland L-3327	Front Axle Application
2210-N-6852	R.H.		Meritor 2210-B-5020, 2210-Y-5953, 2210-V-5612 Euclid E-9698, Leland L-3326	
2210-R-6856	L.H.	9 5/16"	Meritor 2210-Q-5061, 2210-C-5619S Euclid E-9699, Leland L-1740, Batco 04-190932	Front Axle Application
2210-S-6857	R.H.		Meritor 2210-R-5062, 2210-D-5620S Euclid E-9700, Leland L-1739, Batco 04-190931	
2210-V-6860	L.H.	9 41/64"	Meritor 2210-E-5257, 2210-E-5673 Euclid E-9701, Batco 04-200962	Front Axle Application
2210-W-6861	R.H.		Meritor 2210-F5258, 2210-F5674 Euclid E-9702, Batco 04-200961	
2210-X-6862	L.H.	9 59/64"	Meritor 2210-Q-4983, 2210Q-5607S Euclid E-9703	Front Axle Application
2210-Y-6863	R.H.		Meritor 2210-R-4984, 2210-R-5608S Euclid 9704	

BRAKE CAMSHAFTS—STEERING AXLE

FOR MERITOR 15" "Q" BRAKES - 1 1/2" OFFSET BACKING PLATE

Use Camshaft Repair Kit:

KIT8022

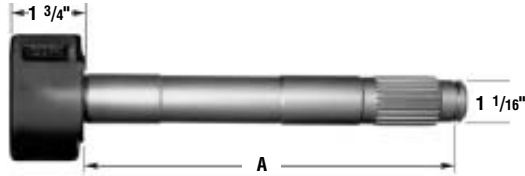
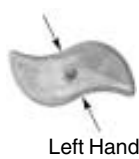
Use Brake Repair Kit:

KIT8029

Nominal Head

Dimension - 1 3/16"

1 1/4" Dia. - 24 Spline



LH and RH indicates only the direction of cam rotation;
NOT which side of the vehicle the cam is on.
 (LH = Counterclockwise) (RH = Clockwise)

All Camshaft lengths ("A" Dim.) are measured from under camshaft head to the outside of the outer snap ring groove, therefore minor length discrepancies could occur based on different manufactures' measuring parameters.

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
2210-S-6727	L.H.	8 1/64"	Meritor 2210-F-6480S, Euclid E-9705 Batco 04-210812, Leland L-3081	15" x 4" "Q" Brakes
2210-T-6728	R.H.		Meritor 2210-G-6481S, Euclid E-9706 Batco 04-210811, Leland L-3080	
2210-W-6731	L.H.	8 37/64"	Meritor 2210-J-6614S, Euclid E-9707 Batco 04-210852, Leland L-3083	15" x 4" "Q" Brakes
2210-X-6732	R.H.		Meritor 2210-K-6615S, Euclid E-9708 Batco 04-210851, Leland L-3082	
2210-C-6737	L.H.	9 21/64"	Meritor 2210-D-6530S, Euclid E-5529 Batco 04-210932, Leland L3085	15" x 4" "Q" Brakes
2210-D-6738	R.H.		Meritor 2210-E-6531S, Euclid E-5530 Batco 04-210931, Leland L3084	
2210-L-6746	L.H.	9 41/64"	Meritor 2210-Q-6517S, Euclid E-9711 Batco 04-210962	15" x 4" "Q" Brakes
2210-M-6747	R.H.		Meritor 2210-R-6518S, Euclid E-9712 Batco 04-210961	

BRAKE CAMSHAFTS—STEERING AXLE

FOR MERITOR 15" "Q" BRAKES - 2" OFFSET BACKING PLATE

Use Camshaft Repair Kit:

KIT8022

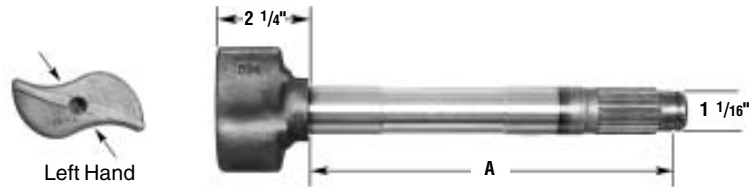
Use Brake Repair Kit:

KIT8029

Nominal Head

Dimension - 1 3/16"

1 1/4" Dia. - 24 Spline



LH and RH indicates only the direction of cam rotation;
NOT which side of the vehicle the cam is on.
 (LH = Counterclockwise) (RH = Clockwise)

All Camshaft lengths ("A" Dim.) are measured from under camshaft head to the outside of the outer snap ring groove, therefore minor length discrepancies could occur based on different manufactures' measuring parameters.

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
2210-Q-6725	L.H.	7 13/16"	Meritor 2210-H-6482S, Euclid E-9713	15" x 4" "Q" Brakes
2210-R-6726	R.H.		Meritor 2210-J-6484S, Euclid E-9714	
2210-E-6739	L.H.	9 13/32"	Meritor 2210-R-6492S, Euclid E-9715 Batco 04-230942, Leland L-3087	15" x 4" "Q" Brakes
2210-F-6740	R.H.		Meritor 2210-S-6493S, Euclid E-9716 Batco 04-230941, Leland L-3086	
2210-Q-6751	L.H.	10 1/16"	Meritor 2210-P-6542S, Euclid E-9717	15" x 4" "Q" Brakes
2210-R-6752	R.H.		Meritor 2210-Q-6542S, Euclid 9718	

BRAKE CAMSHAFTS—STEERING AXLE

FOR MERITOR 15" "T" BRAKES

Use Camshaft Repair Kit:

KIT9304

Use Brake Repair Kit:

KIT9094

Nominal Head

Dimension - 1 5/16"

1 1/2" Dia. - 10 Spline



LH and RH indicates only the direction of cam rotation;

NOT which side of the vehicle the cam is on.

(LH = Counterclockwise) (RH = Clockwise)

All Camshaft lengths ("A" Dim.) are measured from under camshaft head to the outside of the outer snap ring groove, therefore minor length discrepancies could occur based on different manufactures' measuring parameters.

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
2210-Z-5407	L.H.	5 7/8"	Meritor 2210-Q-2799, 2210-Y-2911 Batco 04-240572, BWP M-1567L, Spicer 18-841	15" x 4" "Q" Brakes
2210-Y-5408	R.H.		Meritor 2210-P-2798, 2210-X-2910 Batco 04-240571, BWP M-1567R, Spicer 18-840	
2210-W-5405	L.H.	7 21/32"	Meritor 2210-W-2805 Euclid E-1090 Batco 04-240762, BWP M1569L, Spicer 18-843	15" x 4" "Q" Brakes
2210-X-5406	R.H.		Meritor 2210-V2804, Euclid E-1089 Batco 04-240761, BWP M1569R, Spicer 18-842	
2210-A-5747	L.H.	8 1/8"	Meritor 2210-B-4682, Euclid E-4940 Batco 04-240812, Leland L-2463, Spicer 18-845	15" x 4" "Q" Brakes
2210-B-5748	R.H.		Meritor 2210-C-4683, Euclid E-4941 Batco 04-24081, Leland L-2462, Spicer 18-844	
2210-Y-5667	L.H.	8 19/32"	Meritor 2210-Z-4836, Euclid E-4991, Leland L-1721	15" x 4" "Q" Brakes
2210-Z-5668	R.H.		Meritor 2210-A-4837, Euclid E-4992, Leland L-1720	
2210-G-5727	L.H.	8 25/32"	Meritor 2210-U-3401	15" x 4" "Q" Brakes
2210-H-5728	R.H.		Meritor 2210-V-3402	
2210-E-5803	L.H.	8 31/32"	Meritor 2210-W-3403, Leland L-2465 Batco 04-240902	15" x 4" "Q" Brakes
2210-F-5804	R.H.		Meritor 2210-X-3404, Leland L-2464 Batco 04-240901	
2210-W-5665	L.H.	9 1/4"	Meritor 2210-S-3399, Euclid E-4997	15" x 4" "Q" Brakes
2210-X-5666	R.H.		Meritor 2210-T-3400, Euclid E-4998	

BRAKE CAMSHAFTS—DRIVE AXLE

FOR EATON DRIVE AXLE

Use Camshaft Repair Kit:

615002
615021

1 1/2" Dia. - 10 Spline

All Cam Lengths ("A" Dim.) are measured from **under Cam Head to beginning of Lock Ring Groove**.

Brake Shoe Kit For Standard Series R507002

Brake Shoe Kit For ES Series

"ES I" R507057

"ES II" R507064

"ES II" 507094

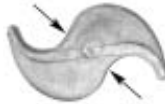
Extended service camshafts **CAN** be used in place of standard camshafts.

Standard camshafts **CANNOT** be used in place of extended service camshafts when using Extended service shoes and or linings.

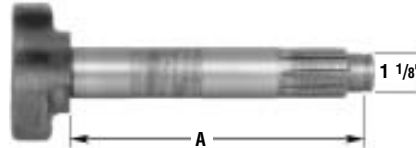
Extended service camshafts are .060 longer than their standard counter part to allow for a special washer under the head.

Nominal Head

Dimension - Standard 1 3/8"
ES 1 1/8"



Left Hand



MERITOR NO. STD. SERIES (USES CAM KIT E-2125)	MERITOR NO. ES SERIES (USES CAM KIT E-10879)	HEAD END	EATON STANDARD SERIES	EATON ES SERIES	STANDARD SERIES A DIM.	ES SERIES A DIM.
R607036	R607111	LH	1000087	807708	8 9/16"	8 5/8"
R607035	R607112	RH	1000088	808709	8 9/16"	8 5/8"
R607147	—	LH	40547	—	—	—
R607148	—	RH	40548	—	—	—
—	R607151	LH	807590	808072	10 3/8"	10 7/16"
—	R607152	RH	807591	808073	10 3/8"	10 7/16"
R607261	—	LH	70308	—	10 1/2"	—
R607262	—	RH	70309	—	10 1/2"	—
R607149	—	LH	76293	—	11 1/8"	—
	—	RH	45530			
R607150	—	LH	76294	—	—	—
	—	RH	45531		11 1/8"	—
R607016	R607105	LH	70306	806526	11 1/2"	11 9/16"
R607015	R607106	RH	70307	806527	11 1/2"	11 9/16"
R607030	R607153	LH	71306	808290	12 7/16"	12 1/2"
R607029	R607154	RH	71307	808291	12 7/16"	12 1/2"
R607125	—	LH	1000839	808296	13 1/16"	—
R607126	—	RH	1000840	808297	12 1/16"	—
R607049	R607279	LH	35455	808068	13 7/16"	13 15/32"
R607050	R607280	RH	35456	808069	13 7/16"	13 15/32"
R607037	R607155	LH	1001580	807862	14 1/4"	14 5/16"
R607038	R607156	RH	1001581	807863	14 1/4"	14 5/16"
R607103	R607281	LH	35430	808064	15"	15 1/16"
R607104	R607282	RH	35431	808065	15"	15 1/16"
—	R607283	LH	—	811406	—	15 1/4"
—	R607284	RH	—	811407	—	15 1/4"

BRAKE CAMSHAFTS—DRIVE AXLE

FOR MERITOR 15" & 16 1/2" "Q PLUS" BRAKES

Use Camshaft Repair Kit:
KIT8042 KIT8821

1 1/2" Dia. - 28 Spline

Use Brake Repair Kit:
KIT8000HD
For Standard and Extended
Service

Extended service camshafts **CAN** be used in place of standard camshafts.
Standard camshafts **CANNOT** be used in place of extended service camshafts
when using Extended service shoes and or linings.



"Q Plus"
Nominal Head
Dimension - 1 1/8"

LH and RH indicates only the direction of cam rotation;
NOT which side of the vehicle the cam is on.
(LH = Counterclockwise) (RH = Clockwise)

All Camshaft lengths ("A" Dim.) are measured from under
camshaft head to the outside of the outer snap ring groove,
therefore minor length discrepancies could occur based on
different manufactures' measuring parameters.

For slight variations in length, you may be required to use extra
spacer washers.

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
2210-K-7344	L.H.	6 19/64"	Meritor 2210-V-6106	16 1/2" Brakes
2210-L-7343	R.H.		Meritor 2210-U-6105	
2210-Q-7375	L.H.	7 3/16"	Meritor 2210-J-5210, 2210-R-5478	16 1/2" Brakes
2210-P-7374	R.H.		Meritor 2210-H-5208, 2210-Q-5477	
2210-L-7396	L.H.	7 51/64"	Meritor 2210-S-5167, 2210-X-5458, 2210-P-5840, 2210-A-7125, Euclid E-9645, Batco 04-480772	16 1/2" Brakes
2210-K-7395	R.H.		Meritor 2210-R-5166, 2210-W-5457, 2210-N-5838, 2210-Z-7124, Euclid E-9646, Batco 04-480771	
2210-Y-7409	L.H.	8 3/16"	Meritor 2210-R-5140, 2210-H-5338 Euclid E-9647, Batco 04-460822, Leland L-2869	16 1/2" Brakes
2210-X-7408	R.H.		Meritor 2210-Q-5139, 2210-G-5337 Euclid E-9648, Batco 04-460821, Leland L-2868	
2210-B-7412	L.H.	8 19/64"	Meritor 2210-Z-5824, 2210-F-6688	16 1/2" Brakes
2210-C-7413	R.H.		Meritor 2210-Y-5823, 2210-E-6687	
2210-G-7417	L.H.	8 27/64"	Meritor 2210-D-6010	16 1/2" Brakes
2210-F-7416	R.H.		Meritor 2210-C-6009	
2210-J-7420	L.H.	8 35/64"	Meritor 2210-G-6975, 2210-K-6693, 2210-M-6695	15" Brakes
2210-H-7418	R.H.		Meritor 2210-F-6974, 2210-J-6692, 2210-L-6694	
2210-Q-7427	L.H.	8 11/16"	Meritor 2210-B-5124, 2210-F-5440 Euclid E-9649 Batco 04-450852, BWP M-2605L, Leland L-2871	16 1/2" Brakes
2210-P-7426	R.H.		Meritor 2210-A-5123, 2210-E-5439 Euclid E-9650 Batco 04-450851, BWP M-2605R, Leland L-2870	
2210-S-7429	L.H.	8 51/64"	N / A	15" Brakes
2210-R-7428	R.H.		N / A	

BRAKE CAMSHAFTS—DRIVE AXLE

FOR MERITOR 15" & 16 1/2" "Q PLUS" BRAKES

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
2210-U-7431	L.H.	8 51/64"	Meritor 2210-P-5970, 2210-F-6012	16 1/2" Brakes
2210-T-7430	R.H.		Meritor 2210-N-5968, 2210-E-6011	
2210-G-7443	L.H.	9 3/16"	Meritor 2210-M-5161, 2210-V-5456 Euclid E-9651, Batco 04-460922	16 1/2" Brakes
2210-F-7442	R.H.		Meritor 2210-L-5160, 2210-U-5455 Euclid E-9652, Batco 04-460921	
2210-N-7450	L.H.	9 27/64"	Meritor 2210-J-6978, Euclid E-9065	15" Brakes
2210-M-7449	R.H.		Meritor 2210-H-6976, Euclid E-9066	Steering Axle
2210-Q-7453	L.H.	9 27/64"	Meritor 2210-S-5089, 2210-R-5374	16 1/2" Brakes
2210-P-7452	R.H.		Meritor 2210-R-5088, 2210-Q-5373	
2210-S-7455	L.H.	9 35/64"	Euclid E-9067	15" Brakes
2210-R-7454	R.H.		Euclid E-9068	Steering Axle
2210-U-7457	L.H.	9 35/64"	Meritor 2210-Y-5095, 2210-T-5428 Euclid E-9653, Batco 04-460952, Leland L-2875	16 1/2" Brakes
2210-T-7456	R.H.		Meritor 2210-X-5094, 2210-S-5427 Euclid E-9654, Batco 04-460951, Leland L-2874	
2210-C-7465	L.H.	9 51/65"	Meritor 2210-P-6022	16 1/2" Brakes
2210-B-7464	R.H.		Meritor 2210-N-6020	
2210-G-7469	L.H.	9 59/64"	Meritor 2210-Z-5460	16 1/2" Brakes
2210-F-7468	R.H.		Meritor 2210-Y-5459	
2210-L-7474	L.H.	10 3/64"	Meritor 2210-X-5848, 2210-T-6650	16 1/2" Brakes
2210-K-7473	R.H.		Meritor 2210-W-5847, 2210-S-6649	
2210-Q-7479	L.H.	10 3/16"	Meritor 2210-V-5430, 2210-F-6558	16 1/2" Brakes
2210-P-7478	R.H.		Meritor 2210-U-5429, 2210-E-6557	
2210-J-6822	L.H.	10 9/32"	N / A	16 1/2" Brakes
2210-H-6820	R.H.		N / A	
2210-U-7485	L.H.	10 19/64"	Meritor 2210-W-6523, 2210-D-6608 Batco 04-461032	16 1/2" Brakes
2210-V-7484	R.H.		Meritor 2210-V-6522, 2210-C-6607 Batco 04-461031	
2210-E-7493	L.H.	10 35/64"	Meritor 2210-F-5362, 2210-D-6452, 2210-Q-6959 2210-W-5093, Euclid E-9655, Batco 04-481042 04-461052, BWP M-3179L, Leland L-2873, L-3093 Spicer 18-827	16 1/2" Brakes
2210-D-7492	R.H.		Meritor 2210-E-5361, 2210-C-6451, 2210-P-6958 2210-V-5092, Euclid E-9656, Batco 04-481041 04-461051, BWP M-3179R, Leland L-2872, L-3092 Spicer 18-826	
2210-J-7498	L.H.	10 39/64"	Meritor 2210-L-6980	15" Brakes
2210-H-7496	R.H.		Meritor 2210-K-6979	
2210-L-7500	L.H.	10 11/16"	Meritor 2210-T-5506, 2210-S-6961 Batco 04-481052, Leland L-3095	16 1/2" Brakes
2210-K-7499	R.H.		Meritor 2210-S-5505, 2210-R-6960 Batco 04-481051, Leland L-3094	
2210-N-7502	L.H.	10 11/16"	Meritor 2210-R-6154	16 1/2" Brakes
2210-M-7501	R.H.		Meritor 2210-Q-6153	Induction Hardened Body
2210-Q-7843	L.H.	10 51/64"	Meritor 2210-B-6450	16 1/2" Brakes
2210-P-7842	R.H.		Meritor 2210-A-6449	
2210-W-7511	L.H.	10 59/64"	Meritor 2210-D-5438	16 1/2" Brakes
2210-V-7510	R.H.		Meritor 2210-C-5437	

(Continued on next Page)

BRAKE CAMSHAFTS—DRIVE AXLE

FOR MERITOR 15" & 16 1/2" "Q PLUS" BRAKES

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
2210-A-7515	L.H.	11 3/64"	Meritor 2210-L-5108, 2210-Z-5434 Euclid E-9657, Batco 04-461102, BWP M-2612L, Leland L-2877, Spicer 18-829	16 1/2" Brakes
2210-Z-7514	R.H.		Meritor 2210-K-5107, 2210-Y-5433 Euclid E-9658, Batco 04-461101, BWP M-2612R Leland L-2876, Spicer 18-828	
2210-J-7524	L.H.	11 19/64"	Meritor 2210-D-6036, 2210-A-7099, 2210-Y-7227 2210-T-5324, 2210-Z-5174, 2210-V-5326 Euclid E-9659, Batco 04-461122, BWP M-2613L Leland L-2341, L-2879, L-3097, Spicer 18-831	16 1/2" Brakes
2210-H-7522	R.H.		Meritor 2210-C-6035, 2210-Z-7098, 2210-X-7226 2210-S-5323 2210-Y-5173, 2210-U-5325 Euclid E-9660, Batco 04-461121, BWP M2613R Leland L-2340, L-2878, L-3096, Spicer 18-830	
2210-Q-7531	L.H.	11 15/32"	Meritor 2210-D-6764	15" Brakes
2210-P-7530	R.H.		Meritor 2210-C-6763	
2210-L-7188	L.H.	11 39/64"	N / A	16 1/2" Brakes
2210-K-7187	R.H.		N / A	
2210-U-7535	L.H.	11 11/16"	Meritor 2210-Y-7097	15" Brakes
2210-T-7534	R.H.		Meritor 2210-X-7096	
2210-W-7537	L.H.	11 11/16"	Meritor 2210-B-5332, 2210-A-6943, Euclid E-9661 Batco 04-481152, 04-461152, BWP M-2614L Leland L-2339, L-3099, Spicer 18-833	16 1/2" Brakes
2210-V-7536	R.H.		Meritor 2210-A-5331, 2210-Z-6942, Euclid E-9662 Batco 04-481151, 04-461151, BWP M-2614R Leland L-2338, L-3098, Spicer 18-832	
2210-C-7543	L.H.	11 51/64"	Meritor 2210-F-5180, 2210-H-5416, Euclid E-9663, Batco 04-461162	16 1/2" Brakes
2210-B-7542	R.H.		Meritor 2210-E-5179, 2210-G-5415 Euclid E-9664, Batco 04-461161	
2210-G-7547	L.H.	11 59/64"	Meritor 2210-Q-6491	16 1/2" Brakes
2210-F-7546	R.H.		Meritor 2210-P-6490	
2210-L-7552	L.H.	12 3/64"	Meritor 2210-S-5115, 2210-Z-3330, 2210-H-6664 2210-L-7214, 2210-J-7108, Euclid E-9665 Batco 04-481212	16 1/2" Brakes
2210-K-7551	R.H.		Meritor 2210-R-5114, 2210-Y-5329, 2210-G-6663 2210-K-7213, 2210-H-7106, Euclid E-9666 Batco 04-481211	
2210-U-7561	L.H.	12 19/64"	Meritor 2210-K-5991	16 1/2" Brakes
2210-T-7560	R.H.		Meritor 2210-J-5990	
2210-Y-7565	L.H.	12 27/64"	Meritor 2210-X-6160	
2210-X-7564	R.H.		Meritor 2210-W-6159	
2210-C-7569	L.H.	12 35/64"	Meritor 2210-E-5101, 2210-X-5328, Euclid E-9667 Batco 04-461252, BWP M-2606L, Leland L-2881	16 1/2" Brakes
2210-B-7568	R.H.		Meritor 2210-D-5100, 2210-W-5327, Euclid E-9668 Batco 04-461251, BWP M-2606R, Leland L-2881	
2210-S-7845	L.H.	12 35/64"	Meritor 2210-K-6511 Body	16 1/2" Brakes Induction Hardened
2210-R-7844	R.H.		Meritor 2210-J-6510 Body	16 1/2" Brakes Induction Hardened

BRAKE CAMSHAFTS—DRIVE AXLE

FOR MERITOR 15" & 16 1/2" "Q PLUS" BRAKES

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
2210-L-7266	L.H.	12 29/32"	N / A	16 1/2" Brakes
2210-K-7265	R.H.		N / A	
2210-Q-7583	L.H.	12 59/64"	Meritor 2210-J-5106, 2210-H-5364	16 1/2" Brakes
2210-P-7582	R.H.		Meritor 2210-H-5104, 2210-G-5363	
2210-U-7587	L.H.	13 3/64"	Meritor 2210-D-5126, 2210-L-5342 Euclid E-9669, Batco 04-461312, BWP M-2607L	16 1/2" Brakes
2210-T-7586	R.H.		Meritor 2210-C-5125, 2210-K-5341 Euclid E-9670, Batco 04-461311, BWP M-2607R	
2210-Y-7591	L.H.	13 3/16"	Meritor 2210-T-6026	16 1/2" Brakes
2210-X-7590	R.H.		Meritor 2210-S-6025	16 1/2" Brakes
2210-U-7197	L.H.	13 9/32"	N / A	15" Brakes
2210-T-7196	R.H.		N / A	
2210-C-7595	L.H.	13 19/64"	Meritor 2210-U-5091, 2210-N-5136, 2210-D-5334 2210-A-6995, Euclid E-9671, Batco 04-461332 BWP M-2597L, Leland L-2885, L-3101, Spicer 18-821	16 1/2" Brakes
2210-B-7594	R.H.		Meritor 2210-T-5090, 2210-M-5135, 2210-C-5333 2210-Z-6994, Euclid E-9672, Batco 04-461331 BWP M-2597R, Leland L-2884, L-3100 Spicer 18-820	
2210-E-7597	L.H.	13 27/64"	Meritor 2210-B-6762	15" Brakes
2210-D-7596	R.H.		Meritor 2210-A-6761	
2210-L-7604	L.H.	13 35/64"	Meritor 2210-X-5146, 2210-H-5442, 2210-G-7001 Batco 04-481342, 04-461312, BWP M-2598L Leland L-3103, L-2887	16 1/2" Brakes
2210-K-7603	R.H.		Meritor 2210-W-5145, 2210-G-5441, 2210-F-7000 Batco 04-481341, 04-461311, BWP M-2598R Leland L-3102, L-2886	
2210-L-7838	L.H.	13 35/64"	Meritor 2210-A-5097, 2210-L-5396, 2210-U-6963 Euclid E-9673A, Batco 04-481352, 04-461352 BWP M-2598L, Leland L-3105, L-2889	16 1/2" Brakes Induction Hardened Spicer 18-823 Body
2210-K-7837	R.H.		Meritor 2210-Z-5096, 2210-M-5395, 2210-T-6962 Euclid E-9674A, Batco 04-481351, 04-461351 BWP M-2598R, Leland L-3104, L-2888 Spicer 18-822	16 1/2" Brakes Induction Hardened Body
2210-Q-7609	L.H.	13 11/16"	Meritor 2210-X-5432	16 1/2" Brakes
2210-P-7608	R.H.		Meritor 2210-W-5431	
2210-W-7615	L.H.	13 51/64"	Meritor 2210-F-5154, 2210-T-5454 2210-M-5837, Leland L-2847	16 1/2" Brakes
2210-V-7614	R.H.		Meritor 2210-E-5153, 2210-S-5453 2210-L-5836, Leland L-2846	
2210-A-7619	L.H.	13 59/64"	Meritor 2210-F-5492	16 1/2" Brakes
2210-Z-7618	R.H.		Meritor 2210-E-5491	
2210-J-7628	L.H.	14 3/16"	Meritor 2210-F-5128, 2210-N-5370, 2210-Q-6985 Euclid E-9675, Batco 04-461422, BWP M-2599L Leland L-2343, L-3107, Spicer 18-835	16 1/2" Brakes
2210-H-7626	R.H.		Meritor 2210-E-5127, 2210-M-5369, 2210-P-6984 Euclid E-9676, Batco 04-461421, BWP M-2599R Leland L-2342, L-3106, Spicer 18-834	
2210-A-7645	L.H.	14 11/16"	Meritor 2210-T-5148, 2210-L-5446 2210-N-5344, Euclid E-9677	16 1/2" Brakes
2210-Z-7644	R.H.		Meritor 2210-X-5147, 2210-K-5445 2210-M-5343 Euclid E-9678	

(Continued on next Page)

BRAKE CAMSHAFTS—DRIVE AXLE

FOR MERITOR 15" & 16 1/2" "Q PLUS" BRAKES

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
2210-S-7637	L.H.	14 27/64"	Meritor 2210-X-5978	16 1/2" Brakes
2210-R-7636	R.H.		Meritor 2210-W-5977	
2210-E-7649	L.H.	14 51/64"	Meritor 2210-R-5426, 2210-S-7949	16 1/2" Brakes
2210-D-7648	R.H.		Meritor 2210-Q-5425, 2210-R-7948	
2210-J-7654	L.H.	14 59/64"	Meritor 2210-E-5933, 2210-N-7190 Euclid E-9679, Batco 04-481472, Leland L-3109	16 1/2" Brakes
2210-H-7652	R.H.		Meritor 2210-D-5932, 2210-M-7189 Euclid E-9680, Batco 04-481471, Leland L-3108	
2210-Q-7661	L.H.	15 3/64"	Meritor 2210-R-5452	16 1/2" Brakes
2210-P-7660	R.H.		Meritor 2210-Q-5451	
2210-U-7665	L.H.	15 3/16"	Meritor 2210-F-5466, 2210-Y-5199 Batco 04-461512	16 1/2" Brakes
2210-T-7664	R.H.		Meritor 2210-E-5465, 2210-X-5198 Batco 04-461511	
2210-W-7667	L.H.	15 3/16"	Meritor 2210-S-7195	16 1/2" Brakes Induction Hardened Body
2210-V-7666	R.H.		Meritor 2210-R-7194	16 1/2" Brakes Induction Hardened Body
2210-A-7671	L.H.	15 19/64"	Meritor 2210-L-5784, 2210-Y-7071 Euclid E-9681, Batco 04-461532	16 1/2" Brakes
2210-Z-7670	R.H.		Meritor 2210-K-5783, 2210-X-7070 Euclid E-9682, Batco 04-461531	
2210-E-7675	L.H.	15 27/64"	Meritor 2210-N-5786	16 1/2" Brakes
2210-D-7674	R.H.		Meritor 2210-M-5785	
2210-N-7684	L.H.	15 11/16"	Meritor 2210-R-5504, 2210-Y-7201 Euclid E-10306, Batco 04-461552	16 1/2" Brakes
2210-M-7683	R.H.		Meritor 2210-Q-5503, 2210-X-7200 Euclid E-10307, Batco 04-461551	
2210-S-7689	L.H.	15 51/64"	Meritor 2210-V-5144, 2210-L-5394, 2210-D-5672 2210-T-6676, 2210-L-7006, Euclid E-9683	16 1/2" Brakes
2210-R-7688	R.H.		Meritor 2210-U-5143, 2210-K-5393, 2210-C-5671 2210-S-6675, 2210-K-7005, Euclid E-9684	
2210-W-7693	L.H.	15 59/64"	N / A	16 1/2" Brakes
2210-V-7692	R.H.		N / A	
2210-A-7697	L.H.	16 3/64"	Meritor 2210-X-6680	16 1/2" Brakes
2210-Z-7696	R.H.		Meritor 2210-Q-6679	
2210-E-7701	L.H.	16 3/16"	Meritor 2210-N-550	16 1/2" Brakes
2210-D-7700	R.H.		Meritor 2210-M-5499	
2210-S-7715	L.H.	16 35/64"	Meritor 2210-R-5946, 2210-W-6991	16 1/2" Brakes
2210-R-7714	R.H.		Meritor 2210-Q-5945, 2210-V-6990	
2210-W-7719	L.H.	16 11/16"	Meritor 2210-B-5150, 2210-N-5448	16 1/2" Brakes
2210-V-7718	R.H.		Meritor 2210-A-5149, 2210-M-5447	
2210-E-7727	L.H.	16 59/64"	Meritor 2210-V-5560, 2210-U-6989	16 1/2" Brakes
2210-D-7726	R.H.		Meritor 2210-U-5559, 2210-T-6988	
2210-J-7732	L.H.	17 3/64"	Meritor 2210-Z-5486	16 1/2" Brakes
2210-H-7730	R.H.		Meritor 2210-Y-5485	

BRAKE CAMSHAFTS—DRIVE AXLE


FOR MERITOR 15" & 16 1/2" "Q PLUS" BRAKES

MERITOR PART NO.	HEAD END	"A"	REPLACES	APPLICATION INFORMATION
2210-A-7749	L.H.	17 35/64"	Meritor 2210-S-5297, 2210-G-5935, 2210-U-7067	16 1/2" Brakes
2210-Z-7748	R.H.		Meritor 2210-T-5298, 2210-F-5934, 2210-T-7066	
2210-S-7767	L.H.	18 3/64"	Meritor 2210-A-6189	16 1/2" Brakes
2210-R-7766	R.H.		Meritor 2210-Z-6188	
2210-J-7784	L.H.	18 35/64"	N / A	16 1/2" Brakes
2210-H-7782	R.H.		N / A	
2210-N-7788	L.H.	18 11/16"	Meritor 2210-H-5468	16 1/2" Brakes
2210-M-7787	R.H.		Meritor 2210-G-5467	

CAMSHAFT REPAIR KITS

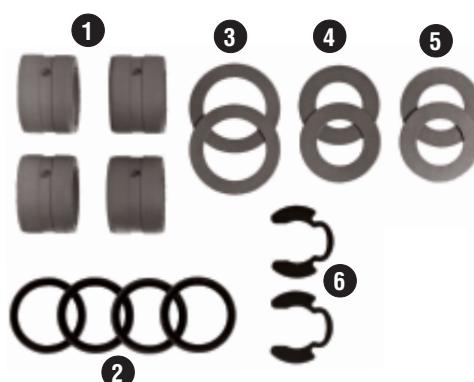
R615013

EATON 15" FRONT

					ITEM	QTY.	MERITOR NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
					1	4	R627029	Bushing	For Eaton 15" x 4" Single Anchor Pin Front Axle Brake Replaces Eaton 1008325
					2	4	R627030	Seal	
					3	2	R627031	Inner Washer	
					4	2	R627032	Outer Washer	
					5	2	R627012	Lock Ring	

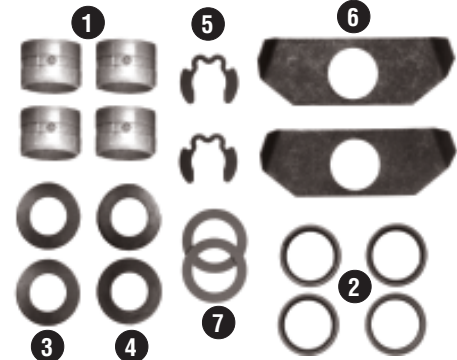
R615002

EATON 16 1/2" STD.

					ITEM	QTY.	MERITOR NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
					1	4	1125-L-1208	Bushing	Self-Contained Drive Axle Brakes Replaces Eaton 78500
					2	4	1205-M-1105	Seal	
					3	2	1229-R-122	Washer	
					4	2	R627005	Washer	
					5	2	R627006	Washer	
					6	2	R627012	Lock Ring	

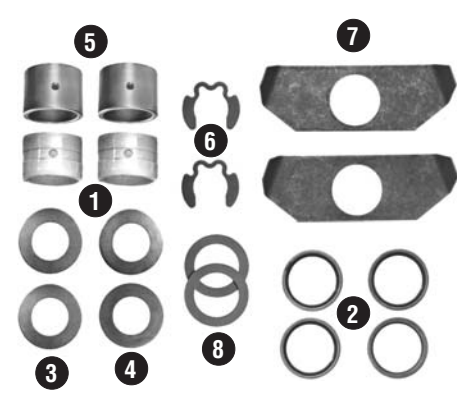
R615015

EATON 16 1/2" "ES"

					ITEM	QTY.	MERITOR NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
					1	4	1225-L-1208	Bushing	For Eaton 15" "Reduced Envelope Brakes and Drive Axles with 16 1/2" "ES" "Extended Service" Brakes Replaces Eaton 127808
					2	4	1205-M-1105	Seal	
					3	2	R627005	Washer	
					4	2	R627006	Washer	
					5	2	R627012	Lock Ring	
					6	2	R627033	Washer	
					7	2	1229-R-122	Washer	

R615021

EATON 16 1/2" "ESII"


					ITEM	QTY.	MERITOR NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
					1	2	1225-L-1208	Bushing	Eaton 15" Reduced Envelope Brakes and Drive Axles with 16 1/2" "ES" "Extended Service" Brakes
					2	4	1205-M-1105	Seal	
					3	4	R627005	Washer	
					4	4	R627006	Washer	
					5	2	1225-512	Bushing	
					6	2	R627012	Lock Ring	
					7	2	R627033	Washer	
					8	2	1229-R-122	Washer	

CAMSHAFT REPAIR KITS - "Q" AND "P" BRAKES

KIT 8022

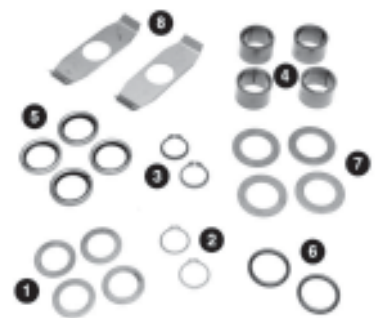
15" x 4" "Q"

AIR BRAKE

					APPLICATION & GENERAL INFORMATION	
ITEM	QTY.	MERITOR NO.	DESCRIPTION			
1	2	1225-R-1136 A-1205-D-2110	Camshaft Bushing	Bushings and seal kit for Meritor front Q brake. Services one 1-1/4" camshaft.		
2	2		Camshaft Seal			
					REPLACES K-285, 8-1361, E-3876	

KIT 8042

16-1/2" "Q"

	ITEM	QTY.	MERITOR NO.	DESCRIPTION	APPLICATION & GENERAL INFORMATION
	1	4	1229-G-2971	Washer	Repair kit for drive axle with 1-1/2" x 28 spline camshaft. Services two brakes
	2	2	1229-X-1116	Snap Ring	
	3	2	1229-D-2942	Snap Ring	
	4	4	1225-L-1208	Bushing	
	5	4	A-1205-V-1556	Seal	
	6	2	1205-X-726	O-Ring Gasket	
	7	4	1229-S-2697	Washer	
	8	2	1229-N-2250	Washer	

AUTOMATIC SLACK ADJUSTER ASSEMBLIES



UNHANDED



TYPE 1



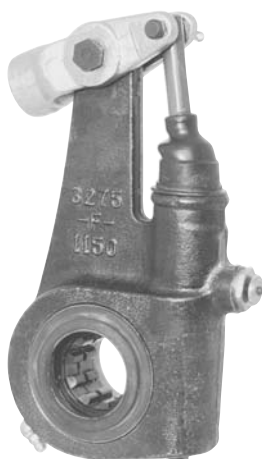
TYPE 2

Note: "Type 1", "Type 2" and "Unhanded" indicate the location of the pawl assembly on the slack adjuster. The slack adjuster must be installed so the pawl can be removed during maintenance.

CLEVIS PART NO.	UNCLEVIS PART NO.	CLEVIS KIT	TYPE	SPLINE DIA. NO. TEETH	LEVER LENGTH "A"	CLEVIS TYPE	CLEVIS THREAD	USE WITH CHAMBER SIZE	REPLACES	COMMENTS
R801001	R803101	R810007	Un- handed	1-1/4"-10	5-1/2"	Straight	1/2"-20	16	A4-3275N-768S A2-3275H1152S A6-3275H1152 *	Red piston. Drum brake.
R801002	R803102	R810007	Un- handed	1-1/4"-24	5-1/2"	Straight	1/2"-20	16	A16-3275N768S A9-3275H1152S A11-3275H1152 *	Red piston. Drum brake.
R802070 R802071	R803010 R803011	R810006	1 2	1-1/4"-24	5-1/2"	Straight	5/8"-18	20	A52-3275U593S A15-3275Z1144S A14-3275Z1144 * A52-3275A599S A15-3275A1145S A14-3275A1145 *	Red piston. Drum brake.
R801003	R803102	R810009	Un- handed	1-1/4"-24	5-1/2"	Straight	5/8"-18	16, 20	A25-3275N768S A35-3275N768 A12-3275H1152S A11-3275H1152 * A26-3275Y1143 *	Red piston. Drum brake.
R802316 R802317	R803024 R803025	R810009	1 2	1-1/2"-10	5-1/2"	Straight	5/8"-18	24, 30	A42-3275U593S A25-3275Z1144S A27-3275Z1144 * A42-3275A599S A25-3275A1145S A27-3275A1145 *	Yellow piston. Drum brake.
R801041	R803195	R810009	Un- handed	1-1/2"-10	5-1/2"	Straight	5/8"-18	24, 30	A22-3275N768S A15-3275H1152S A17-3275H1152 *	Yellow piston. Drum brake.

* Production slack adjuster not supplied with clevis.

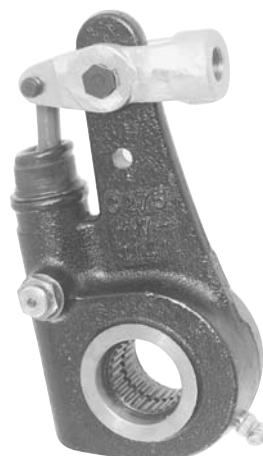
AUTOMATIC SLACK ADJUSTER ASSEMBLIES



UNHANDLED



TYPE 1



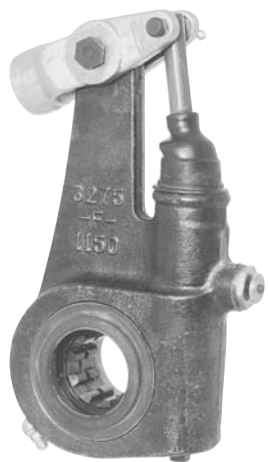
TYPE 2

Note: "Type 1", "Type 2" and "Unhanded" indicate the location of the pawl assembly on the slack adjuster. The slack adjuster must be installed so the pawl can be removed during maintenance.

CLEVIS PART NO.	UNCLEVIS PART NO.	CLEVIS KIT	TYPE	SPLINE DIA. NO. TEETH	LEVER LENGTH "A"	CLEVIS TYPE	CLEVIS THREAD	USE WITH CHAMBER SIZE	REPLACES	COMMENTS
R802332 R802333	R803028 R803029	R810009	1 2	1-1/2"-10	5-1/2"	Straight	5/8"-18	36	A1-3275U593S A29-3275Z1144S A78-3275Z1144 * A1-3275A599S A29-3275A1145S A78-3275A1145 *	Green piston. Drum brake.
R802666 R802667	R803032 R803033	R810009	1 2	1-1/2"-10	5-1/2"	Straight	5/8"-18	36	A1-3275E1045S A14-3275W1193S A19-3275W1193 * A1-3275F1046S A14-3275X1194S A19-3275X1194 *	Green piston. Drum brake. Special grease fitting location.
R801042	R803106	R810009	Un- handed	1-1/2"-10	6"	Straight	5/8"-18	30	A13-3275N716S A4-3275J1154S A5-3275J1154 *	Yellow piston. Drum brake. Trailer axle.
R802380 R802381	R803036 R803037	R810012	1 2	1-1/2"-10	7"	Straight	3/4"-16	30	A1-3275Y701S A1-3275N1158S A4-3275N1158 * A1-3275Z-702S A1-3275P1160S A4-3275P1160 *	Red piston. Drum brake. Coach brake.
R801079	R803108	R810007	Un- handed	1-1/2"-28	5-1/2"	Straight	5/8"-18	16, 20	A37-3275N768 A23-3275H1152S A24-3275H1152 *	Red piston. Drum brake.

* Production slack adjuster not supplied with clevis.

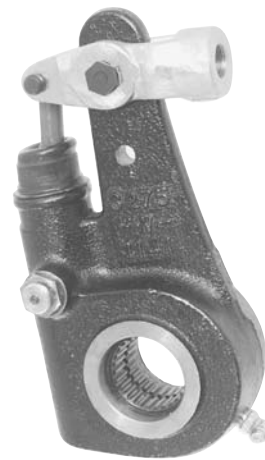
AUTOMATIC SLACK ADJUSTER ASSEMBLIES



UNHANDED



TYPE 1



TYPE 2

Note: "Type 1", "Type 2" and "Unhanded" indicate the location of the pawl assembly on the slack adjuster. The slack adjuster must be installed so the pawl can be removed during maintenance.

CLEVIS PART NO.	UNCLEVIS PART NO.	CLEVIS KIT	TYPE	SPLINE DIA. NO. TEETH	LEVER LENGTH "A"	CLEVIS TYPE	CLEVIS THREAD	USE WITH CHAMBER SIZE	REPLACES	COMMENTS
R802446 R802447	R803048 R803049	R810009	1 2	1-1/2"-28	5-1/2"	Straight	5/8"-18	24, 30	A56-3275U593S A39-3275Z1144S A41-3275Z1144 * A56-3275A599S A39-3275A1145S A41-3275A1145 *	Yellow piston. Drum brake.
R801073	R803110	R810009	Un- handed	1-1/2"-28	5-1/2"	Straight	5/8"-18	24, 30	A21-3275N768S A27-3275H1152S A28-3275H1152S A32-3275N768 A32-3275H1152 *	Yellow piston. Drum brake.
R802463 R802462	R803050 R803051	R810009	1 2	1-1/2"-28	5-1/2"	Straight	5/8"-18	30	A29-3275U593S A16-3275X1143S A44-3275Z1144 * A29-3275A599S A16-3275Y1143S A44-3275A1145 *	Blue piston. Disc brake.
R802444 R802445	R803052 R803053	R810009	1 2	1-1/2"-28	5-1/2"	Straight	5/8"-18	36 20, 24	A2-3275U593S A46-3275Z1144S A47-3275Z1144 * A2-3275A599S A46-3275A1145S A47-3275A1145 *	Green piston. Drum brake. Green piston. Disc brake.
R801072	R803109	R810009	Un- handed	1-1/2"-28	5-1/2"	Straight	5/8"-18	36 20, 24	A2-3275N768S A34-3275H1152S A35-3275H1152S A34-3275H1152 * A48-3275H1152 *	Green piston. Drum brake. Green piston. Disc brake.

* Production slack adjuster not supplied with clevis.

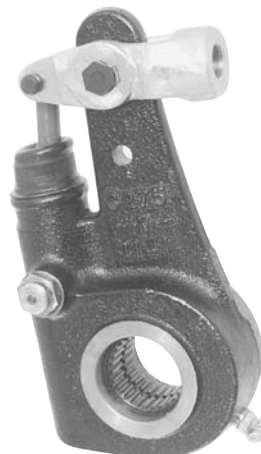
AUTOMATIC SLACK ADJUSTER ASSEMBLIES



UNHANDLED



TYPE 1



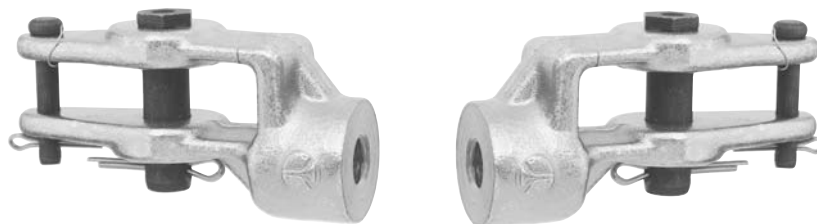
TYPE 2

Note: "Type 1", "Type 2" and "Unhandled" indicate the location of the pawl assembly on the slack adjuster. The slack adjuster must be installed so the pawl can be removed during maintenance.

CLEVIS PART NO.	UNCLEVIS PART NO.	CLEVIS KIT	TYPE	SPLINE DIA. NO. TEETH	LEVER LENGTH "A"	CLEVIS TYPE	CLEVIS THREAD	USE WITH CHAMBER SIZE	REPLACES	COMMENTS
R802486 R802487	R803054 R803055	R810009	1 2	1-1/2"-28	6"	Straight	5/8"-18	30	A16-3275V594S A13-3275B1146S A14-3275B1146 * A16-3275B600S A13-3275C1147S A14-3275C1147 *	Yellow piston. Drum brake.
R801074	R803112	R810009	Un- handled	1-1/2"-28	6"	Straight	5/8"-18	30	A10-3275N716S A13-3275J1154S A15-3275N716S A14-3275J1154S A15-3275J1154 *	Yellow piston. Drum brake.
R802490 R802491	R803056 R803057	R810009	1 2	1-1/2"-28	6"	Straight	5/8"-18	36	A2-3275V594S A16-3275B1146S A21-3275B1146 * A2-3275B600S A16-3275C1147S A21-3275C1147 *	Green piston. Drum brake.
R801101	R803114	R810009	Un- handled	1-5/8"-37	5-1/2"	Straight	5/8"-18	24, 30	A20-3275N768S A31-3275H1152S A67-3275H1152 *	Yellow piston. Drum brake. Fruehauf.
R801102	R803116	R810009	Un- handled	1-5/8"-37	6"	Straight	5/8"-18	30	A12-3275N716S A20-3275J1154S A28-3275J1154 *	Yellow piston. Drum brake. Fruehauf.

* Production slack adjuster not supplied with clevis.

AUTOMATIC SLACK ADJUSTER CLEVISES AND CLEVIS KITS



MERITOR PART NO.	CLEVIS TYPE	PUSHROD	REPLACES	APPLICATION INFORMATION
R801710	5/8" Offset	1/2"-20	1245-F-370, 1245-X-1038, A1-1245-D-394, 2207-L-12, A-1245-F-370, A-1245-D-394, A-1245-X-1038	For 9, 12 and 16 chambers.
R810006 (KIT)				Clevis kit includes clevis, pins & clips
R801711	Straight	1/2"-20	1245-G-371, 1245-N-1028, A1-1245-E-395, 2207-L-12, A-1245-E-395, A-1245-N-1028	For 9, 12 and 16 chambers.
R810007 (KIT)				Clevis kit includes clevis, pins & clips
R801712	5/8" Offset	5/8"-18	1245-E-369, 1245-W-1037, A-1245-D-394, 2207-M-13, A2-1245-D-394, A-1245-W-1037	For 20, 24, 30 and 36 chambers
R810008 (KIT)				Clevis kit includes clevis, pins & clips
R801713	Straight	5/8"-18	1245-H-372, 1245-P-1030, A2-1245-E-395, 2207-M-13, A-1245-E-395, A-1245-H-372, A-1245-P-1030	For 20, 24, 30 and 36 chambers
R810009 (KIT)				Clevis kit includes clevis, pins & clips
R801716	Straight	3/4"-16	1245-T-410, 1245-Q-1031, A-1245-Q-1031	For 30 chambers.
R810012 (KIT)				Clevis kit includes clevis, pins & clips.
R810013 (KIT)	Straight	1/2"-20	—	Clevis kit includes pins, clips, R801711 clevis and 2258-P-1238 helper spring. For 9 and 12 chambers.
R810014 (KIT)	Straight	1/2"-20	—	Clevis kit includes pins, clips, R801711 clevis and 2258-Q-1239 helper spring. For 9 and 12 chambers.
R810015 (KIT)	5/8" Offset	1/2"-20	—	Clevis kit includes pins, clips, R801710 clevis and 2258-P-1238 helper spring. For 9 and 12 chambers.
R810016 (KIT)	5/8" Offset	1/2"-20	—	Clevis kit includes pins, clips, R801710 clevis and 2258-Q-1239 helper spring. For 9 and 12 chambers.

NOTES



BRAKE DRUM & ROTOR

BRAKE DIAMETER CHART

OVERALL DEPTH	BRAKE SURFACE WIDTH	PILOT DIA.	BOLT CIRCLE	BOLT HOLES		WEIGHT	DAYTON PART NO.	DRUM TYPE	WHEEL TYPE
				NO.	SIZE				
15" x 4" BRAKE DIAMETER									
5.260	4.310	9.500	11.250	6	0.781	66	03-122078-002	AI	Spoke
5.540	4.440	9.188	11.250	5 / 6	.656/.656	60	03-122575-002	S	Spoke
5.540	4.440	9.188	11.250	5 / 6	.656/.656	60	13-122575-002	S	Spoke
5.560	4.690	11.000	12.750	5	0.781	61	03-122964-002	A	Spoke
5.560	4.690	11.000	12.750	5	0.781	61	13-122964-002	A	Spoke
5.560	4.690	11.000	12.750	5	0.781	61	85-122964-002	A	Spoke
5.600	4.680	11.000	12.750	6	0.781	61	03-122947-002	A	Spoke
5.600	4.680	11.000	12.750	6	0.781	61	13-122947-002	A	Spoke
5.600	4.680	11.000	12.750	6	0.781	61	85-122947-002	A	Spoke
5.840	4.540	9.250	11.250	6	0.781	64	03-122104-002	R	Spoke
5.840	4.540	9.250	11.250	6	0.781	64	13-122104-002	R	Spoke
5.840	4.750	9.251	11.250	6	0.781	65	03-123431-002	R	Spoke
5.840	4.750	9.251	11.250	6	0.781	65	85-123431-002	R	Spoke
5.880	4.960	10.000	12.750	6	0.781	61	13-122296-002	A	Spoke
7.840	4.440	8.660	11.250	10	1.265	76	03-120981-002	R	Disc
7.840	4.440	8.780	11.250	10	1.265	69	03-123020-002	S	Disc
8.600	4.860	8.780	285.75mm	10	1.250	66	53-123512-002	AD	Disc
8.640	5.110	8.780	285.75mm	10	0.960	66	53-123567-002	AD	Disc
8.760	4.640	8.996	10.827	8	0.844	68	85-123345-002	AD	Disc
8.760	4.640	8.996	10.827	8	0.844	68	95-123345-002	AD	Disc
8.790	4.650	8.780	11.250	10	1.250	79	03-123254-002	AD	Disc
8.790	4.650	8.781	11.250	10	1.250	79	93-123254-002	AD	Disc
8.790	4.650	8.781	11.250	10	1.250	79	95-123254-002	AD	Disc
8.850	4.560	8.780	11.250	10	0.937	70	03-123366-002	AD	Disc
8.850	4.560	8.780	11.250	10	0.937	71	13-123366-002	AD	Disc
8.850	4.560	8.780	11.250	10	0.937	70	83-123366-002	AD	Disc
8.850	4.560	8.780	11.250	10	0.937	70	85-123366-002	AD	Disc
8.850	4.560	8.780	11.250	10	0.937	70	95-123366-002	AD	Disc
8.850	4.750	8.780	11.250	10	1.281	69	03-123382-002	AD	Disc
8.850	4.750	8.780	11.250	10	1.281	69	13-123382-002	AD	Disc
8.850	4.750	8.780	11.250	10	1.281	67	85-123382-002	AD	Disc
8.850	4.750	8.780	11.250	10	1.281	69	95-123382-002	AD	Disc
8.850	4.460	8.781	11.250	10	1.281	69	13-123254-002	AD	Disc
8.850	4.460	8.780	11.250	10	1.281	75	13-123420-002	AD	Disc
8.850	4.660	8.779	11.250	10	0.937	80	13-123421-002	AD	Disc
8.850	4.660	8.780	11.250	10	0.937	76	03-123421-002	AD	Disc
8.850	4.660	8.780	11.250	10	0.937	76	85-123421-002	AD	Disc
8.850	4.460	8.781	11.250	10	1.281	69	85-123254-002	AD	Disc
8.860	4.530	8.750	11.250	10	1.281	88	03-122529-002	S	Disc
8.860	4.530	8.750	11.250	10	1.281	89	13-122529-002	S	Disc
8.870	4.530	11.252	13.189	10	0.937	82	03-123024-002	B	Disc
8.870	4.530	11.252	13.189	10	0.937	82	13-123024-002	B	Disc
8.890	7.760	8.780	285.75mm	10	1.250	66	53-123542-002	AD	Disc
8.890	4.760	8.780	285.75mm	10	0.960	66	53-123568-002	AD	Disc
8.890	4.760	8.996	10.827	8	0.937	64	53-123575-002	AD	Disc
8.970	5.090	8.782	11.250	10	0.937	84	03-123396-002	AD	Disc
8.970	5.090	8.782	11.250	10	0.937	84	13-123396-002	AD	Disc
8.970	5.090	8.782	11.250	10	0.937	84	85-123396-002	AD	Disc
8.980	5.090	8.750	11.250	10	0.812	84	03-122921-002	AC	Disc

BRAKE DIAMETER CHART

OVERALL DEPTH	BRAKE SURFACE WIDTH	PILOT DIA.	BOLT CIRCLE	BOLT HOLES		WEIGHT	DAYTON PART NO.	DRUM TYPE	WHEEL TYPE
				NO.	SIZE				
15" x 5" BRAKE DIAMETER (Cont'd.)									
8.980	5.090	8.750	11.250	10	0.812	84	13-122921-002	AC	Disc
8.980	5.090	8.750	11.250	10	0.812	84	85-122921-002	AC	Disc
9.070	4.720	11.064	13.189	10	1.024	90	85-123553-002	A	Disc
9.100	4.650	8.780	11.250	10	1.281	74	03-123448-002	AD	Disc
9.100	4.650	8.780	11.250	10	1.281	74	13-123448-002	AD	Disc
9.100	4.650	8.780	11.250	10	1.281	74	85-123448-002	AD	Disc
9.100	4.650	8.780	11.250	10	1.281	74	95-123448-002	AD	Disc
6.220	5.500	11.000	12.500	5	0.531	65	03-120556-002	R	Spoke
6.590	5.560	9.438	11.000	5	0.656	76	03-120517-002	S	Spoke
6.590	5.560	9.438	11.000	5	0.656	76	13-120517-002	S	Spoke
6.590	5.560	9.438	11.000	5	0.656	76	85-120517-002	S	Spoke
6.680	5.400	10.000	12.750	6	0.780	76	13-122039-002	A	Spoke
7.220	5.500	6.250	8.750	6	0.844	74	03-120553-002	S	Disc
7.990	5.720	6.440	8.750	10	0.781	73	03-122561-002	S	Disc
7.990	5.720	6.440	8.750	6	0.843	72	03-122562-002	S	Disc
8.020	5.470	8.992	10.827	8	0.844	73	13-123332-002	AL	Disc
8.020	5.470	8.992	10.827	8	0.844	71	85-123332-002	AL	Disc
10.080	6.340	8.780	11.250	10	0.937	90	85-123465-002	Z	Disc
10.080	6.340	8.780	11.250	10	0.937	81	95-123465-002	Z	Disc
15" X 6" BRAKE DIAMETER									
7.090	6.500	9.438	11.000	5	0.656	83	03-120516-002	A	Spoke
8.790	6.750	8.992	10.827	8	0.844	84	03-123331-002	R	Disc
8.790	6.750	8.992	10.827	8	0.844	84	13-123331-002	R	Disc
8.790	6.150	8.992	10.827	8	0.844	83	85-123331-002	R	Disc
8.810	6.750	8.782	11.250	10	0.937	90	03-123493-002	AD	Disc
15" X 7" BRAKE DIAMETER									
8.510	7.360	10.500	12.750	5	0.781	89	03-122011-002	B	Spoke
8.510	7.360	10.500	12.750	5	0.781	89	13-122011-002	B	Spoke
8.510	7.360	10.500	12.750	5	0.781	89	85-122011-002	B	Spoke
8.510	7.360	10.502	12.750	6	0.781	90	13-123203-002	B	Spoke
8.510	7.360	10.502	12.750	6	0.781	90	85-123203-002	B	Spoke
9.530	7.560	9.750	11.250	5	0.656	111	03-120933-002	AJ	Spoke /Disc
10.180	7.560	8.700	10.827	8	0.847	110	85-123548-002	G	Disc
10.920	7.500	8.991	10.827	8	0.844	96	03-123276-002	AD	Disc
10.920	7.500	8.991	10.827	8	0.844	96	13-123276-002	AD	Disc
10.920	7.500	8.991	10.827	8	0.844	96	85-123276-002	AD	Disc
10.930	7.500	6.440	8.750	6	0.812	105	13-122806-002	AD	Disc
16.5" X 5" BRAKE DIAMETER									
6.120	5.370	9.250	11.250	6	0.781	92	03-120855-002	A	Spoke
6.120	5.370	9.250	11.250	6	0.781	92	13-120855-002	A	Spoke
6.410	5.440	10.000	12.750	6	0.781	89	03-122266-002	R	Spoke
6.410	5.440	10.000	12.750	6	0.781	89	13-122266-002	R	Spoke
6.570	6.010	11.001	12.750	5	0.781	79	13-123389-002	A	Spoke
6.570	6.010	11.000	12.750	6	0.781	79	13-122954-002	A	Spoke
6.570	6.010	11.000	12.750	6	0.781	79	85-122954-002	A	Spoke
6.690	5.410	10.000	12.750	6	0.781	88	13-122038-002	R	Spoke
9.140	5.500	8.780	11.250	10	1.281	96	13-123383-002	AD	Disc

BRAKE DIAMETER CHART

OVERALL DEPTH	BRAKE SURFACE WIDTH	PILOT DIA.	BOLT CIRCLE	BOLT HOLES		WEIGHT	DAYTON PART NO.	DRUM TYPE	WHEEL TYPE
				NO.	SIZE				
16.5" x 5" BRAKE DIAMETER (Cond't.)									
9.160	5.540	11.252	13.189	10	0.937	90	03-123219-002	P	Disc
9.160	5.540	11.252	13.189	10	0.937	90	13-123219-002	P	Disc
9.630	5.740	8.750	11.250	10	0.812	96	03-122966-002	AC	Disc
9.630	5.740	8.750	11.250	10	0.812	96	13-122966-002	AC	Disc
9.630	5.740	8.750	11.250	10	0.812	96	85-122966-002	AC	Disc
9.630	5.740	8.779	11.250	10	0.937	100	13-123463-002	AD	Disc
9.630	5.740	8.780	11.250	10	0.937	97	85-123463-002	AD	Disc
6.410	5.440	10.000	12.750	5 / 6 / 7	0.781	89	03-123500-002	R	Spoke /Disc
8.580	5.480	8.660	11.250	10	1.265	86	03-120988-002	AE	Disc
16.5" x 6" BRAKE DIAMETER									
7.490	6.690	11.250	12.750	6	0.781	125	13-123427-002	R	Spoke
7.490	6.690	11.251	12.750	6	0.781	93	85-123427-002	R	Spoke
9.270	6.460	8.650	11.250	10	.937	117	13-123451-002	AW	Disc
9.810	6.690	8.780	11.250	10	1.281	107	03-123399-002	AD	Disc
9.750	6.630	11.250	13.189	10	0.937	109	03-123302-002	R	Disc
9.810	6.690	8.780	11.250	10	1.281	107	13-123399-002	AD	Disc
9.810	6.690	8.779	11.250	10	0.937	100	13-123400-002	AD	Disc
9.810	6.690	8.780	11.250	10	.937	105	85-123400-002	AD	Disc
9.810	6.690	8.780	11.250	10	.937	106	95-123400-002	AD	Disc
9.832	6.820	11.712	13.729	10	.975	115	85-123561-002	Z	Disc
9.906	6.880	9.139	11.250	10	1.334	85	85-123569-002	Z	Disc
16.5" x 7" BRAKE DIAMETER									
7.940	7.310	11.000	12.750	6	0.656	109	13-120743-002	K	Spoke
7.940	7.310	11.000	12.750	6	0.656	106	03-122600-002	L	Spoke
7.940	7.310	11.000	12.750	5 / 6	.656/.656	107	13-122600-002	L	Spoke
8.030	7.440	14.250	12.750	5 / 6	.656/.656	109	03-122455-002	I	Spoke
8.030	7.440	14.250	12.750	5	0.781	109	03-122925-002	I	Spoke
8.180	7.430	9.438	11.000	5 / 6	.781/.656	101	03-122822-002	A	Spoke
8.230	7.580	9.438	11.000	5 / 5	.781/.656	88	53-123519-002	AD	Spoke
8.410	7.630	9.440	11.000	5 / 6	.781/.656	108	03-122222-002	Q	Spoke
8.410	7.630	9.440	11.000	5 / 6	.781/.656	108	13-122222-002	Q	Spoke
8.410	7.630	9.440	11.000	5 / 6	.781/.656	108	83-122222-002	Q	Spoke
8.410	7.630	9.440	11.000	5 / 6	.781/.656	108	95-122222-002	Q	Spoke
8.440	7.380	11.000	12.500	5 / 6	.656/.656	103	03-120754-002	R	Spoke
8.440	7.380	11.000	12.500	5 / 6	.656/.656	103	13-120754-002	R	Spoke
8.440	7.380	11.000	12.500	5	0.656	108	13-122328-002	R	Spoke
8.440	7.380	11.000	12.500	6	0.656	108	13-122329-002	R	Spoke
8.450	7.400	11.250	12.750	5 / 6	.781/.781	107	03-122490-002	R	Spoke
8.450	7.400	11.250	12.750	5 / 6	.781/.781	107	13-122490-002	R	Spoke
8.450	7.400	11.250	12.750	5 / 6	.781/.781	107	85-122490-002	R	Spoke
8.450	7.390	11.250	12.750	5 / 6	.781 / .781	106	03-122683-002	R	Spoke
8.450	7.390	11.250	12.750	5 / 6	.781/.781	106	13-122683-002	R	Spoke
8.620	7.440	8.660	11.250	10	.812	110	03-120149-002	T	Disc
8.620	7.440	8.660	11.250	10	.812	110	13-120149-002	T	Disc
8.650	7.650	10.500	12.750	5	.781	105	03-122009-002	N	Spoke
8.650	7.650	10.500	12.750	5	.781	105	13-122009-002	N	Spoke
8.650	7.656	10.500	12.750	5	.781	104	85-122009-002	N	Spoke
8.650	7.650	10.501	12.750	6	.781	109	03-123200-002	N	Spoke

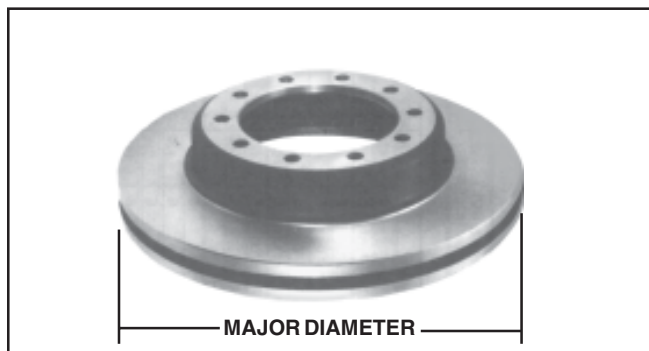
BRAKE DIAMETER CHART

OVERALL DEPTH	BRAKE SURFACE WIDTH	PILOT DIA.	BOLT CIRCLE	BOLT HOLES		WEIGHT	DAYTON PART NO.	DRUM TYPE	WHEEL TYPE
				NO.	SIZE				
16.5" x 7" BRAKE DIAMETER (Cont'd.)									
8.650	7.650	10.502	12.750	6	.781	109	13-123200-002	N	Spoke
8.650	7.650	10.502	12.750	6	.781	109	83-123200-002	N	Spoke
8.650	7.650	10.502	12.750	6	.781	109	85-123200-002	N	Spoke
8.650	7.650	10.500	12.750	5 / 6	.781 / .781	105	03-123430-002	N	Spoke
8.650	7.650	10.500	12.750	5 / 6	.781 / .781	107	13-123430-002	N	Spoke
8.656	7.500	11.000	12.500	5	0.656	106	03-120442-002	R	Spoke
8.720	7.560	11.250	12.750	5	.781	103	03-120574-002	R	Spoke
8.740	7.500	9.500	11.250	10	.810	113	13-122103-002	R	Spoke/Disc
8.750	7.500	9.500	11.250	5	.781	118	85-122103-002	R	Spoke
8.750	7.500	9.500	11.250	10	.813	102	03-122518-002	R	Disc
8.750	7.500	9.500	11.250	10	.813	102	85-122518-002	R	Disc
8.750	7.500	9.500	11.250	5 / 6	.781 / .656	116	03-120586-002	R	Spoke
8.750	7.500	9.500	11.250	5 / 6	.781 / .656	116	13-120586-002	R	Spoke
8.750	7.500	9.500	11.250	10	.844	117	03-122126-002	R	Spoke/Disc
8.750	7.500	9.500	11.250	10	.844	117	13-122126-002	R	Spoke/Disc
8.750	7.500	9.500	11.250	10	0.844	117	83-122126-002	R	Spoke/Disc
8.750	7.500	9.500	11.250	10	0.844	117	85-122126-002	R	Spoke/Disc
8.750	7.500	9.500	11.250	10	0.844	117	95-122126-002	R	Spoke/Disc
8.750	7.500	9.440	11.000	5	0.780	103	03-122603-002	N	Spoke
8.750	7.563	9.440	11.000	5	0.781	101	83-122603-002	N	Spoke
8.750	7.563	9.440	11.000	5	0.781	101	95-122603-002	N	Spoke
8.750	7.500	9.500	11.250	6	0.780	111	03-123058-002	R	Spoke
8.750	7.500	9.500	11.250	5	0.781	119	13-122990-002	N	Spoke
8.813	7.500	9.438	11.250	10	0.812	105	03-122506-002	R	Disc
8.813	7.500	9.438	11.250	10	0.812	105	13-122506-002	R	Disc
8.875	7.750	11.000	12.750	6	0.656	147	13-120140-002	BA	Spoke
8.875	7.750	11.000	12.750	6	0.656	134	13-120142-002	S	Spoke
8.940	7.630	9.500	11.250	5	0.781	120	03-122027-002	R	Spoke
8.940	7.630	9.500	11.250	5	0.781	120	13-122027-002	R	Spoke
8.940	7.630	9.500	11.250	10	0.844	119	03-122239-002	O	Disc
8.940	7.620	9.500	11.250	10	0.810	109	13-122239-002	O	Disc
8.940	7.630	9.500	11.250	6	0.781	119	03-122290-002	O	Spoke
8.940	7.630	9.500	11.250	6	0.781	120	13-122290-002	O	Spoke
9.000	7.600	11.250	12.750	6	0.650	112	03-012480-002	P	Spoke
9.062	7.750	9.500	11.250	10	0.812	110	13-120134-002	BA	Disc
9.062	7.750	11.000	13.188	10	0.796	130	13-120747-002	S	Disc
9.500	7.560	9.440	11.250	10	0.840	118	03-012582-002	R	Disc
9.500	7.560	9.440	11.250	10	0.840	118	13-012582-002	R	Disc
9.500	7.500	9.438	11.250	10	0.843	114	83-012582-002	R	Disc
9.500	7.560	9.440	11.250	10	0.840	118	95-012582-002	R	Disc
9.500	7.560	8.440	11.250	10	0.843	111	03-123398-002	R	Disc
10.310	7.640	9.000	11.250	10	0.812	116	03-122948-002	AD	Disc
10.310	7.640	9.000	11.250	10	0.812	116	13-122948-002	AD	Disc
10.310	7.640	8.779	11.250	10	0.937	123	03-123397-002	AD	Disc
10.310	7.640	8.780	11.250	10	0.937	116	85-123397-002	AD	Disc
10.310	7.640	8.779	11.250	10	0.937	125	13-123397-002	AD	Disc
10.310	7.640	9.000	11.250	10	0.846	119	13-123297-002	AD	Disc
10.310	7.640	9.000	11.250	10	0.846	119	85-123297-002	AD	Disc
10.310	7.640	9.000	11.250	10	0.812	116	85-122948-002	AD	Disc
10.380	7.440	8.530	11.250	10	0.812	112	03-122453-002	S	Disc
10.380	7.440	8.530	12.250	10	0.812	112	13-122453-002	S	Disc

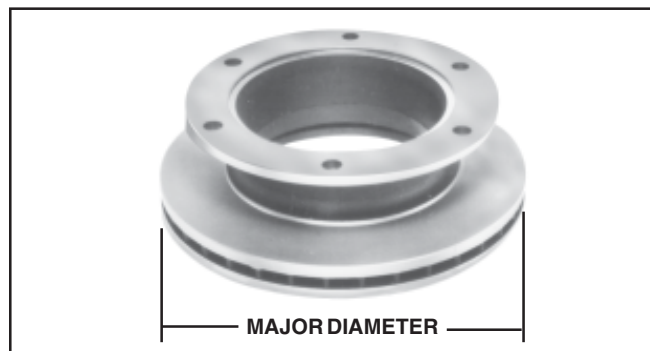
BRAKE DIAMETER CHART

OVERALL DEPTH	BRAKE SURFACE WIDTH	PILOT DIA.	BOLT CIRCLE	BOLT HOLES		WEIGHT	DAYTON PART NO.	DRUM TYPE	WHEEL TYPE
				NO.	SIZE				
16.5" x 7" BRAKE DIAMETER (Cont'd.)									
10.380	7.870	8.780	285.75mm	10	0.960	92	53-123537-002	AD	Disc
10.380	7.860	8.530	11.250	10	0.810	92	53-123564-002	AD	Disc
10.380	7.860	9.000	11.250	10	0.810	92	53-123565-002	AD	Disc
10.380	7.860	9.000	275mm	8	0.920	92	53-123566-002	AD	Disc
10.540	7.460	8.781	11.250	10	0.937	112	03-123207-002	AD	Disc
10.540	7.460	8.781	11.250	10	0.937	112	13-123207-002	AD	Disc
10.540	7.460	8.781	11.250	10	0.937	111	85-123207-002	AD	Disc
10.540	7.460	8.781	11.250	10	0.937	111	93-123207-002	AD	Disc
10.540	7.460	8.781	11.250	10	0.937	111	95-123207-002	AD	Disc
10.590	7.750	9.000	11.250	10	0.812	106	03-122550-002	AE	Disc
10.590	7.750	9.000	11.250	10	0.812	107	13-122550-002	AE	Disc
10.590	7.750	9.000	11.250	10	0.812	106	83-122550-002	AE	Disc
10.590	7.750	9.000	11.250	10	0.812	106	85-122550-002	AE	Disc
10.590	7.750	9.000	11.250	10	0.812	106	93-122550-002	AE	Disc
10.590	7.750	9.000	11.250	10	0.812	106	95-122550-002	AE	Disc
10.590	7.750	11.252	13.189	10	0.937	114	03-123025-002	S	Disc
10.590	7.750	11.252	13.189	10	0.937	114	13-123025-002	S	Disc
10.590	7.750	8.780	11.250	10	0.937	122	03-123365-002	AD	Disc
10.590	7.750	8.780	11.250	10	0.937	122	13-123365-002	AD	Disc
10.590	7.750	8.780	11.250	10	0.937	122	83-123365-002	AD	Disc
10.590	7.750	8.780	11.250	10	0.937	122	85-123365-002	AD	Disc
10.590	7.750	8.780	11.250	10	0.937	122	93-123365-002	AD	Disc
10.590	7.750	8.780	11.250	10	0.937	122	95-123365-002	AD	Disc
10.590	7.750	9.000	10.827	8	0.937	123	03-123409-002	AD	Disc
10.590	7.750	8.780	10.827	8	0.937	123	83-123409-002	AD	Disc
10.590	7.750	8.780	10.827	8	0.937	123	85-123409-002	AD	Disc
10.590	7.750	8.780	10.827	8	0.937	123	95-123409-002	AD	Disc
10.630	7.820	8.534	11.250	10	0.812	112	03-122978-002	R	Disc
10.630	7.820	8.530	11.250	10	0.812	117	03-122607-002	R	Disc
10.630	7.820	8.530	11.250	10	0.812	117	13-122607-002	R	Disc
10.630	7.820	8.530	11.250	10	0.812	117	83-122607-002	R	Disc
10.630	7.820	8.530	11.250	10	0.812	117	93-122607-002	R	Disc
10.630	7.820	8.530	11.250	10	0.812	117	95-122607-002	R	Disc
10.690	7.530	9.438	11.250	10	0.843	115	03-120877-002	R	Disc
10.690	7.530	9.438	11.250	10	0.843	115	13-120877-002	R	Disc
10.690	7.530	9.438	11.250	10	0.843	115	83-120877-002	R	Disc
10.690	7.530	9.438	11.250	10	0.843	115	85-120877-002	R	Disc
10.920	7.750	8.992	10.827	8	0.844	104	85-123348-002	AD	Spoke

MEDIUM-DUTY TRUCK HYDRAULIC DISC BRAKE ROTORS



TYPE 1 — "HAT" SHAPE



TYPE 2 — "U" SHAPE

DISC BRAKE ROTOR IDENTIFICATION CHART

SPOKE WHEEL — (Primary Application)				
	MAJOR DIA.	ROTOR TYPE	NOTES	MERITOR NO.
5 SPOKE	14.25	1	GMC 15579020	23123041002
5 SPOKE	15.00	2	Navistar 1648517C1	R449810
5 SPOKE	15.00	2	Navistar 589868C1	R444240
5 SPOKE	15.00	2	Navistar 595987C1	R444241
5 SPOKE	15.00	2	Navistar 588126C1	23122701002
5 SPOKE	15.00	2	Navistar 1648517C1	23122920002
5 SPOKE	15.00	2	Navistar 508526C2	R448905
6 SPOKE	15.00	2	Ford E3HZ-1102A	23122691002
6 SPOKE	15.62	2	Ford D5HZ-1102B	R448904

DISC WHEEL — (Primary Application)				
	MAJOR DIA.	ROTOR TYPE	NOTES	MERITOR NO.
12 STUD	11.11	1	Isuzu 8-79015-357-0	R449817
6 STUD	14.75	—	GMC 15611098	23122688002
6 STUD	14.75	1	—	23123443002
6 STUD	14.75	1	6 Tapped Holes for ABS Mounting	23123460002
6 STUD	14.75	1	6 Tapped Holes for ABS Mounting	23123468002
6 STUD	14.75	1	6 Tapped Holes for ABS Mounting	23123480002
5 STUD	14.75	1	5 Tapped Holes for ABS Mounting (Metric)	23123486002
6 STUD	14.75	1	—	23123494002
10 STUD	14.75	1	5 Tapped Holes for ABS Mounting	2312349500
6 STUD	15.00	2	Navistar 589843C1	R444231
6 STUD	15.00	1	Navistar 1646770C1	R446115
10 STUD	15.00	2	Navistar 582029C1	R444243
10 STUD	15.00	1	Navistar 1646750C1	23122897002
6 STUD	15.38	2	Ford E4HZ-1125D	231227430
8 STUD	15.38	2	Ford E6HZ-1125G	R447184
10 STUD	15.38	2	Ford E6HZ-1125F	R447185
10 STUD	15.38	1	—	23123485002
8 STUD	15.38	2	275mm Bolt Circle - Use with 19.5" Rims	23123341002
10 STUD	15.38	1	—	23123434002
10 STUD	15.38	1	5 Tapped Holes for ABS Mounting GMC Applications	23123489002
10 STUD	15.62	2	Ford D5HZ-1102A	R448903
6 STUD	—	—	GMC 15514476	R449805

DISC BRAKE ROTOR IDENTIFICATION CHART

SPOKE OR DISC WHEEL — (Primary Application)

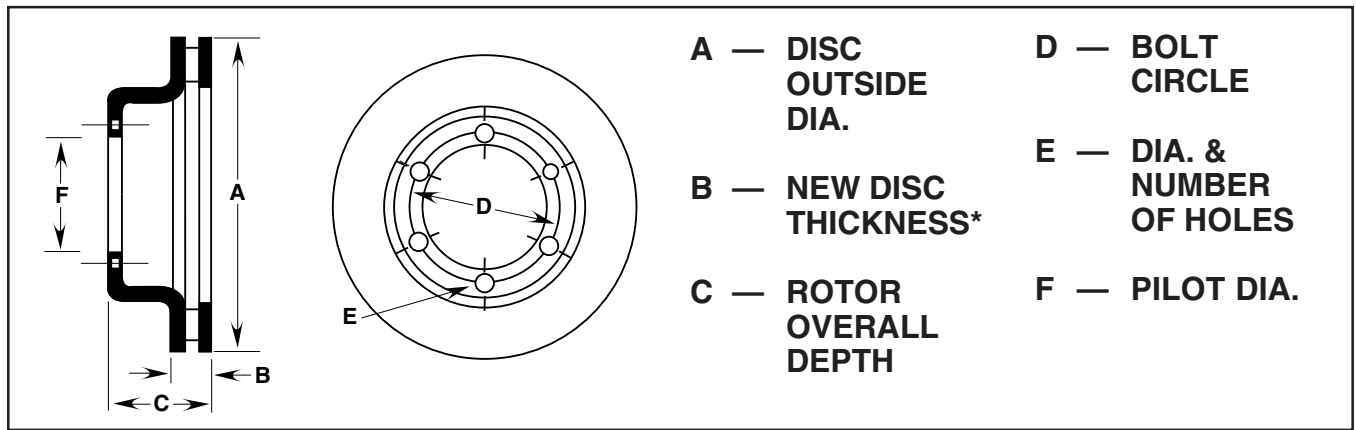
	MAJOR DIA.	ROTOR TYPE	NOTES	MERITOR NO.
	14.25	1	GMC 15579754	23123046002
10 STUD	14.75	1	—	23123439002
	14.75	1	GMC 15661543	23123296002
	14.75	1	Ford E4HZ-1125A	23122700002
	14.75	1	GMC 15515786	23122687002
10 STUD	15.00	1	ABS Rotor Service Asm.	23123552002
5 STUD	15.00	1	ABS Rotor Service Asm.	23123573002
	15.00	2	Navistar 1648518C1	R444242
	15.00	1	Navistar 573922C1	R446114
10 STUD	15.38	2	GM Applications	23123433002
10 STUD	15.38	1	—	23123440002
10 STUD	15.38	1	—	23123458002
10 STUD	15.38	2	—	23123461002
10 STUD	15.38	1	—	23123498002
	15.38	1	GMC 15514406	23122729002
	15.38	2	GMC 15514492	23122693002
6 STUD		1	—	23123527002
		1	GM Applications	23123532002



MERITOR™

We work for you.

MEDIUM-DUTY TRUCK HYDRAULIC DISC BRAKE ROTORS



DISC BRAKE ROTOR NUMERICAL LISTING

MERITOR NO.	ROTOR TYPE	A Outside Disc	B New Inch Disc Thickness*	C Overall Rotor Depth	D Bolt Circle	E Bolt Holes		F Pilot Dia.	NOTES
						Dia.	No.		
23122700002	1	14.75	1.345	3.807	7.25	.781	6	5.401	Ford E4HZ-1125A
23122691002	2	15.38	1.535	4.753	11.25	.781	6	9.251	Ford E3HZ-1102A
23122687002	1	14.75	1.345	3.807	6.75	.656	5	5.401	GMC 15515786, 15619954
23122729002	1	15.38	1.535	3.400	7.25	.594	10	6.001	GMC 15514406, 15619970
R444231	2	15.00	1.435	6.800	8.75	.813	6	7.000	Navistar 589843C1
23122701002	2	15.00	1.435	4.491	11.25	.656	5	9.187	Navistar 588126C1
23122703002	2	15.38	1.535	6.070	11.25	.844	10	8.688	Ford E4HZ-1125C
23122743002	2	15.38	1.535	6.021	8.75	.844	6	6.443	Ford E4HZ-1125D
R444240	2	15.00	1.430	5.050	12.00	.656	5	13.250	Navistar 589868C1
R444241	2	15.00	1.430	5.900	12.75	.650	5	14.250	Navistar 595987C1
R444242	2	15.00	1.430	5.900	12.75	.760	5	14.250	Navistar 1648518C1
R444243	2	15.00	1.430	6.800	11.25	.810	10	9.370	Navistar 582029C1
23122693002	2	15.38	1.530	6.180	11.25	.810	10	9.500	GMC 15514492, 15619378, 2393941, 79038
23122897002	1	15.00	1.435	4.440	7.25	.578	10	6.001	Navistar 1646750C1
R446114	1	15.00	1.430	3.500	6.75	.780	5	5.400	Navistar 573922C1
R446115	1	15.00	1.430	3.500	6.75	.760	6	5.400	Navistar 1646770C1
R447184	2	15.38	1.535	6.25	10.827	.844	8	8.347	Ford E6HZ-1125G
R447185	2	15.38	1.535	6.61	13.189	1.047	10	10.950	Ford E6HZ-1125F
23122920002	2	15.00	1.430	4.490	11.25	.780	5	9.180	Navistar 1648517C1
R448903	2	15.62	1.750	6.360	11.25	1.280	10	8.750	Ford D5HZ-1102A
R448904	2	15.62	1.750	4.920	12.75	.780	6	9.500	Ford D5HZ-1102B
R448905	2	15.00	1.440	4.261	10.50	.656	5	9.000	Navistar 508526C2
23122688002	—	14.75	1.350	3.810	6.75	.656	6	5.400	GMC 15611098
R449805	—	—	—	—	—	—	6	—	GMC 15514476
23123041002	1	14.25	1.440	2.980	6.00	5.310	5	4.600	GMC 15579020
23123046002	1	14.25	1.440	2.980	6.00	.531	6	4.600	GMC 15579754
23123296002	1	14.75	1.350	3.810	7.25	.591	10	6.000	GMC 15661543
R449817	1	11.11	1.380	2.500	136mm	.500	12	—	Isuzu 8-97015-357-0
23123485002	1	15.38	1.440	3.400	7.25	.594	10	6.000	—
23123041002	1	14.250	1.440	2.980	6.000	0.531	5	4.600	GMC 15579020, 15616450
23123341002	2	15.380	1.540	7.820	10.830	0.844	8	8.350	275mm Bolt Circle - Use with 19.5" Rims
23123341004	2	15.380	1.535	7.815	10.827	0.844	8	8.355	—

* Refers to the thickness of a brand new rotor disc.

DISC BRAKE ROTOR NUMERICAL LISTING (cont'd.)

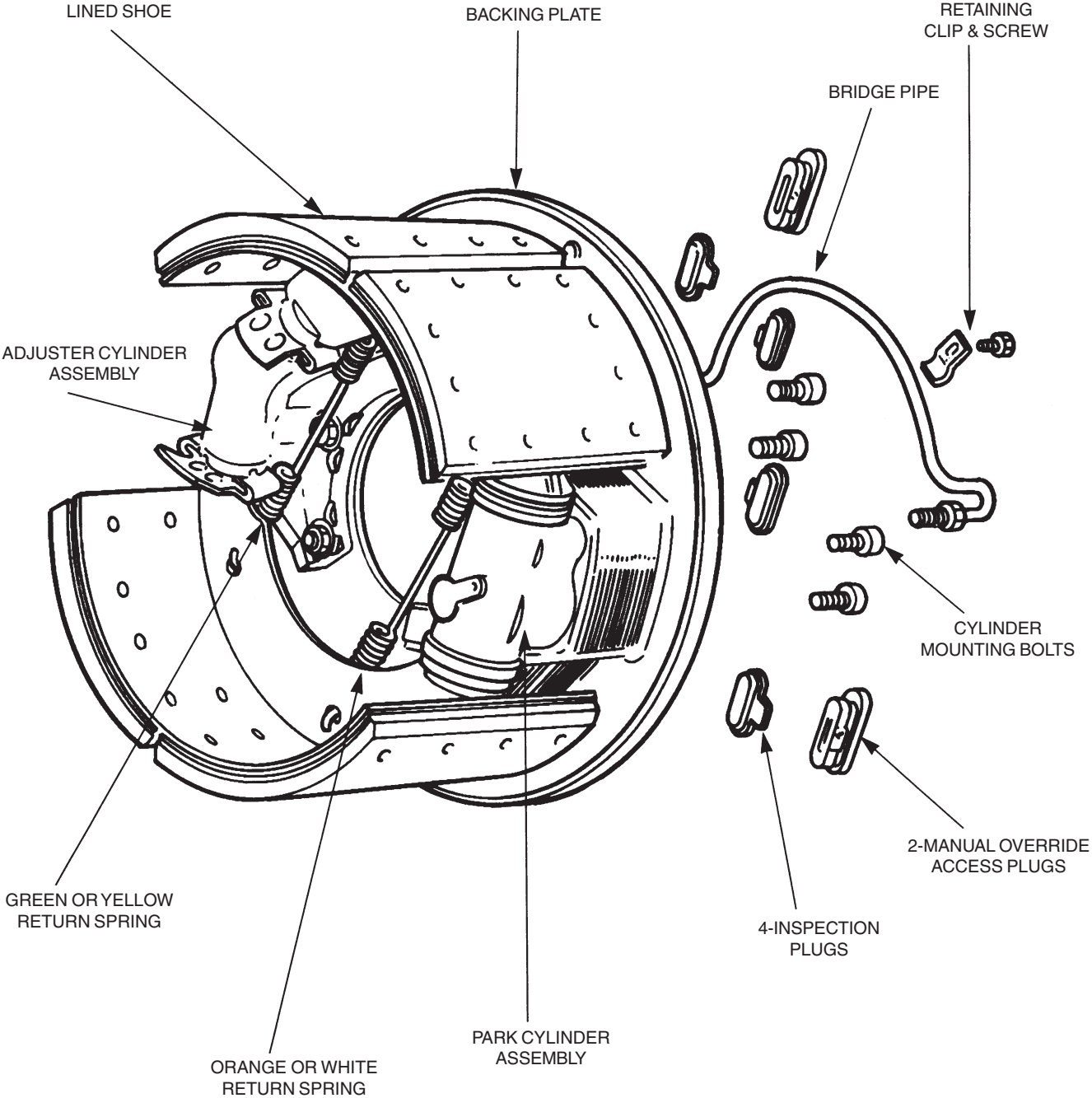
MERITOR NO.	ROTOR TYPE	A Outside Disc	B New Inch Disc Thickness*	C Overall Rotor Depth	D Bolt Circle	E Bolt Holes		F Pilot Dia.	NOTES
						Dia.	No.		
23123433002	2	15.380	1.435	4.771	12.840	0.812	10	9.499	GM Applications
23123434002	1	15.380	1.440	3.400	7.250	0.594	10	6.000	GM 12547785
23123439002	1	14.750	1.350	3.810	7.250	0.781	10	6.000	—
23123440002	1	15.380	1.540	3.400	7.250	0.594	10	6.000	—
23123443002	1	14.750	1.350	3.810	7.250	0.781	6	5.400	—
23123458002	1	15.380	1.540	3.400	7.250	0.656	10	6.000	—
23123460002	1	14.750	1.350	3.810	7.250	0.781	6	5.750	6 Tapped Holes for ABS Mounting
23123461002	2	15.380	1.540	7.274	11.250	0.937	10	9.125	—
23123461002	2	15.380	1.540	7.910	11.250	0.937	10	9.120	5 Tapped Holes for ABS Mounting
23123468002	1	14.750	1.350	3.810	6.750	0.656	6	5.400	6 Tapped Holes for ABS Mounting
23123480002	1	14.750	1.350	3.810	7.250	0.781	6	5.400	6 Tapped Holes for ABS Mounting
23123486002	1	14.750	1.350	3.810	6.750	0.656	5	5.400	5 Tapped Holes for ABS Mounting (Metric)
23123489002	1	15.380	1.540	3.400	7.250	0.594	10	6.000	5 Tapped Holes for ABS Mounting GMC Applications
23123494002	1	14.750	1.350	3.810	7.250	0.781	6	5.740	—
23123495002	1	14.750	1.350	3.810	7.250	0.594	10	6.000	5 Tapped Holes for ABS Mounting
23123498002	1	15.380	1.540	3.410	7.250	0.656	10	5.960	—
23123498002	1	15.380	1.540	3.410	7.250	0.656	10	5.964	5 Tapped Holes for ABS Mounting
23123527002	1	15.630	1.540	3.63	7.250	0.656	10	5.964	—
23123532002	1	15.169	1.493	3.008	7.027	0.656	5	5.624	GM Applications
23123552002	1	15.000	1.440	4.440	7.250	0.594	10	6.000	ABS Rotor Service Asm.
23123552002	1	15.000	1.440	4.440	7.250	0.594	10	6.004	ABS Exciter Teeth (100) in casting; Navistar
23123573002	1	15.000	1.440	3.500	6.750	0.781	5	5.400	ABS Rotor Service Asm.
23123573002	1	15.000	1.440	3.500	6.750	0.781	5	5.404	ABSExciterTeeth(100)incasting; NavistarApplications

* Refers to the thickness of a brand new rotor disc.



HYDRAULIC BRAKE

DURAPARK® 15" DIAMETER 5", 6", & 7" WIDTHS



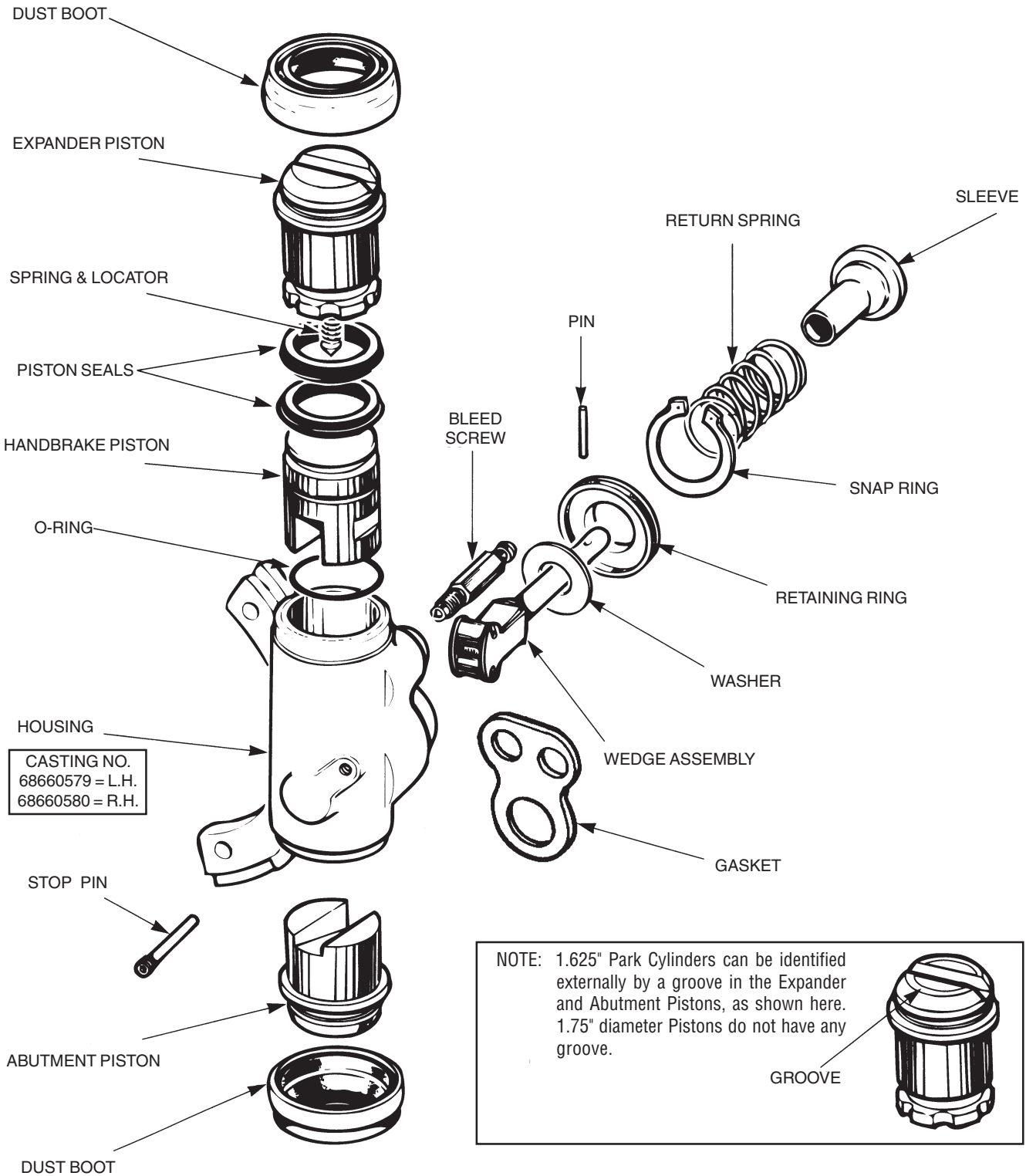
SERVICE KITS

Brake Position	LH	RH
SPRING KIT (1) Green or Yellow Spring (1) Orange or White Spring	SP7896S SP7896 (green/orange)	SP7897S SP7897 (yellow/white)
<p>The springs on the A2LS brakes have been redesigned and new spring kits created. The new springs simultaneously adjust the top and bottom during forward stops of the vehicle. Previously, the bottom shoe adjusted during forward stops and the top shoe during reverse stops.</p> <p>The top and bottom shoe adjustment during forward stops is accomplished by different spring tensions between the two springs on each brake.</p> <p><i>Initially, the new spring kits must be installed in Axle Sets (LH & RH wheels) in order to prevent automatic brake adjustment imbalance.</i></p>	<p>R407969 Complete axle kit includes both SP7896S & SP7987S</p> <div> <div> <p>LH</p> </div> <div> <p>RH</p> </div> </div> <p> Front of Vehicle Front of Vehicle </p>	
BRIDGE PIPE KIT (1) Bridge Pipe Assembly (1) Retaining Clip (1) Screw	SP7861S SP7861	SP7862S SP7862
PLUG KIT (2) M.O. Access Plugs (4) Inspection Plugs	SP7860S SP7860	
BACKING PLATE KIT 5" shoe width BACKING PLATE KIT 6" & 7" shoe widths (1) Dirtshield (2) M.O. Access Plugs (1) Park Cylinder Gasket (4) Inspection Plugs (1) Adjuster Cylinder Gasket (4) Mounting Bolts	29 1002 68919018 29 1004 68919020	29 1003 68919019 29 1005 68919021
BOLT KIT, CYL. TO BACKPLATE	SP7854S	SP7854
Bore Size and Brake Position	1.75" R.H./L.H.	1.625" R.H./L.H.
SEAL KIT, WHEEL END (1) Seal kit, Adjuster Cylinder (1) Seal kit, Park Cylinder	SP7873S SP7873	SP7895S SP7895

Brake Shoe and Lining Kits

Brake Size	Unlined Shoe (each)	Lined Shoe (each)
15 x 5"	45 1003 68937200	SMA2124528
15 x 6"	45 1004 68937201	SMA2124504
15 x 7"	45 1005 68937202	SMA2124505

DURAPARK® 15" DIAMETER 5", 6", & 7" WIDTHS



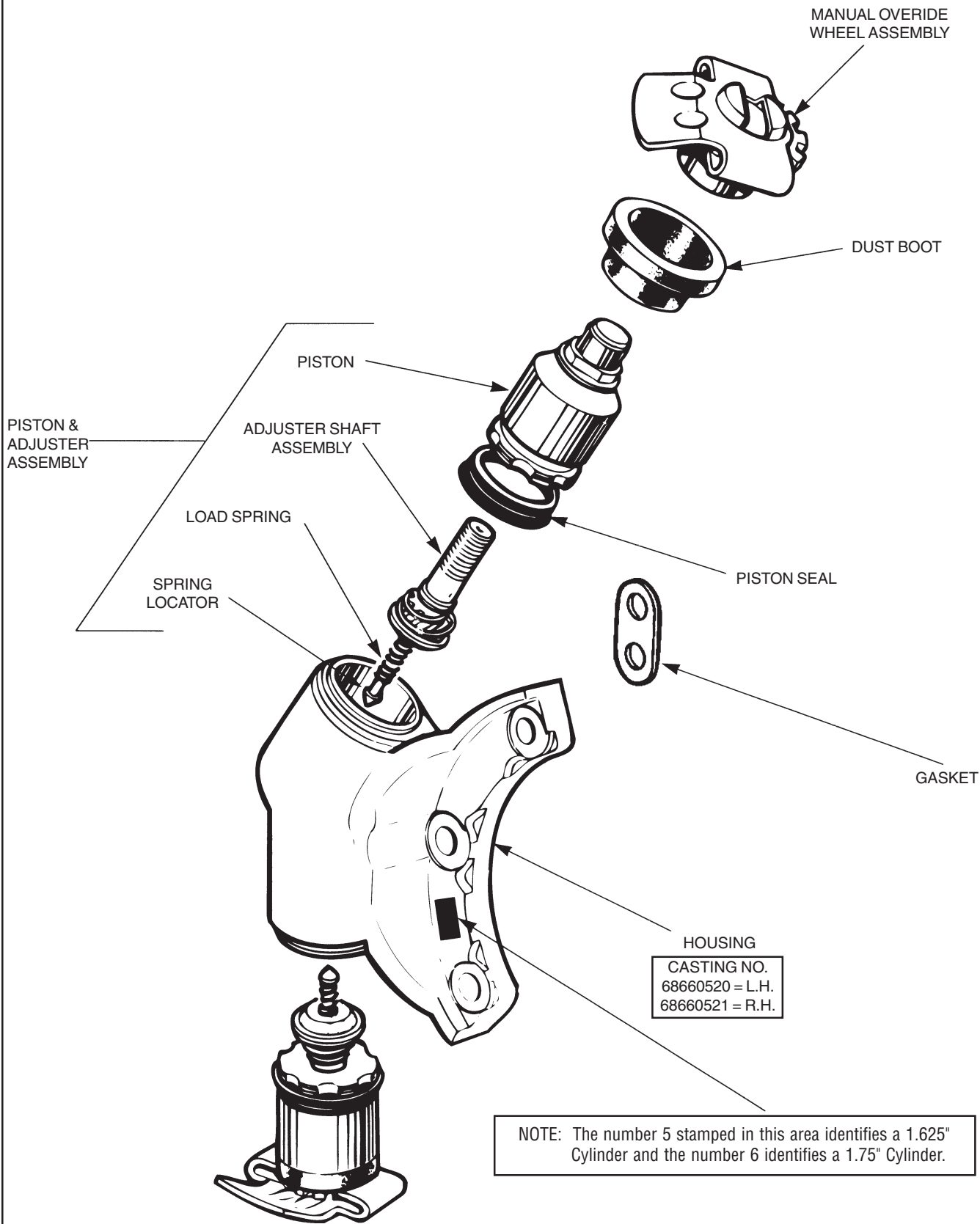
SERVICE KITS

Bore Size and Brake Position		1.75" LH	1.75" RH	1.625" LH	1.625" RH
Minor Overhaul Kits					
SEAL KIT		SP7872S SP7872		SP7893S SP7893	
(1) Dust Boots (1) Retaining Ring					
(2) Hydraulic Seals					
(1) Gasket					
(1) O-Ring					
(1) Grease Pack					
DUST BOOT		SP7889S SP7889			
(2) Dust Boots					
(1) Grease Pack					
PORT INSERT		29 1006 68150036			
BLEED SCREW		29 1001 68660515			

Major Overhaul Kits

PISTON KIT (1) Expander Piston (1) Spring & Locator (1) Handbrake Piston (1) Stop Pin (1) Abutment Piston	SP7879S SP7879	SP7880S SP7880	SP7881S SP7881	SP7882S SP7882
WEDGE KIT (1) Wedge Assembly (1) Sleeve (1) Washer (1) Pin (1) Retaining Ring (1) Gasket (1) Snap Ring (1) Grease Pack (1) Return Spring	SP7920S SP7920			
HOUSING (1) Housing (2) Port Inserts (1) Bleed Screw	29 1056 68919052	29 1057 68919053	29 1054 68919050	29 1055 68919051
CYLINDER (1) Park Cylinder Assembly (1) Gasket (2) Bolts	20 1179 68919067 20 1179X Reman.	20 1180 68919068 20 1180X Reman.	20 1181 68919061	20 1182 68919062

DURAPARK® 15" DIAMETER 5", 6", & 7" WIDTHS



SERVICE KITS

Bore Size and Brake Position	1.75" LH	1.75" RH	1.625" LH	1.625" RH
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Minor Overhaul Kits


SEAL KIT (2) Piston Seals (2) Dust Boots (1) Gasket (1) Grease Pack	SP7871S SP7871	SP7866S SP7866
DUST BOOT (2) Dust Boots (1) Grease Pack	SP7868S SP7868	
PORT INSERT	29 1000	68191307
BLEED SCREW	29 1006	68150036

Major Overhaul Kits

HOUSING (1) Housing (1) Port Insert	29 1061 68966097	29 1062 68966098	29 1058 68966095	29 1060 68966096
PISTON & ADJUSTER ASSEMBLY (1) Piston (1) Adjustment Shaft Assembly (1) Load Spring (1) Spring Locator	SP7887S SP7887		SP7888S SP7888	
CYLINDER (1) Adjuster Cylinder Assembly (2) Manual Override Wheels (1) Gasket (2) Bolts	20 1183 68919071 20 1183X Reman.	20 1184 68919072 20 1184X Reman.	20 1185 68919065	20 1186 68919066

Meets FMVSS — 105 requirements for Automatic Adjustment

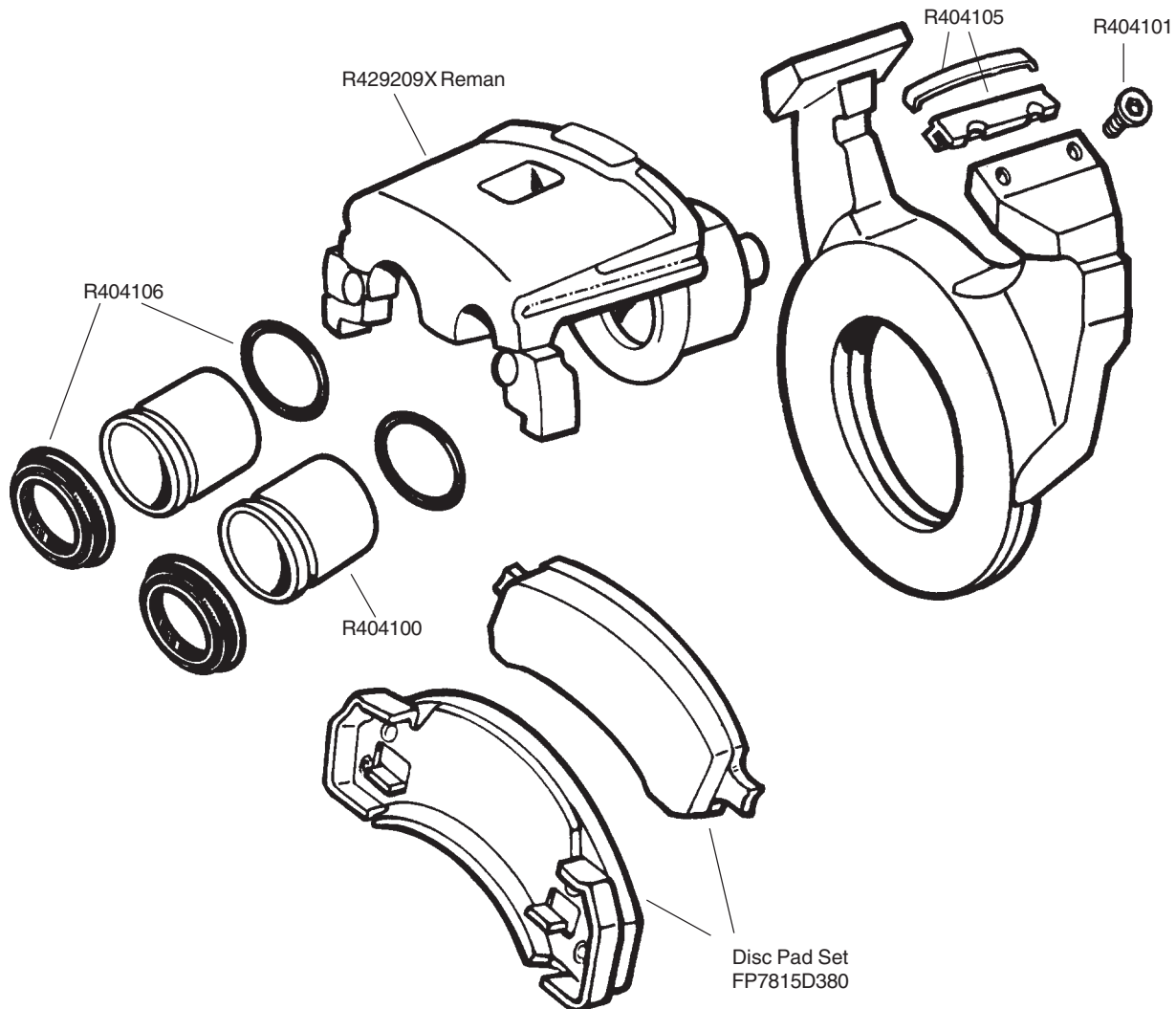
Spring Brake Chamber

	<p>Spring Brake Chamber for LUCAS (FORD) Full Hydraulic Brake</p> <p>FULL HYDRAULIC MERITOR R476120 (New) R476120X (Reman)</p> <p>AIR OVER HYDRAULIC MERITOR R477208 (New) R477208X (Reman)</p> <p>NOTE: Air/Hydraulic Unit has no Bleeder Ports.</p>
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BENDIX HYDRAULIC DISC BRAKE

(2.60" Twin Piston)
FIRST DESIGN
(Up to 1989)





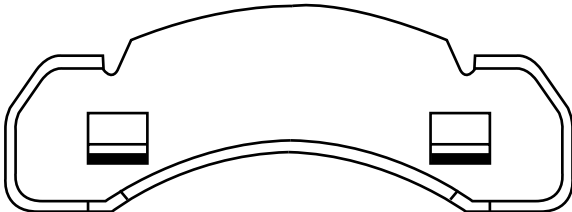

FMSI 7108-D184
7806-D184
7815-D184
7815-D380
7815-D717



NOTE:

The First Design Caliper (R429209X) and Second Design Caliper (R424237A, R424237AX) are interchangeable as assemblies, but their component parts are not.

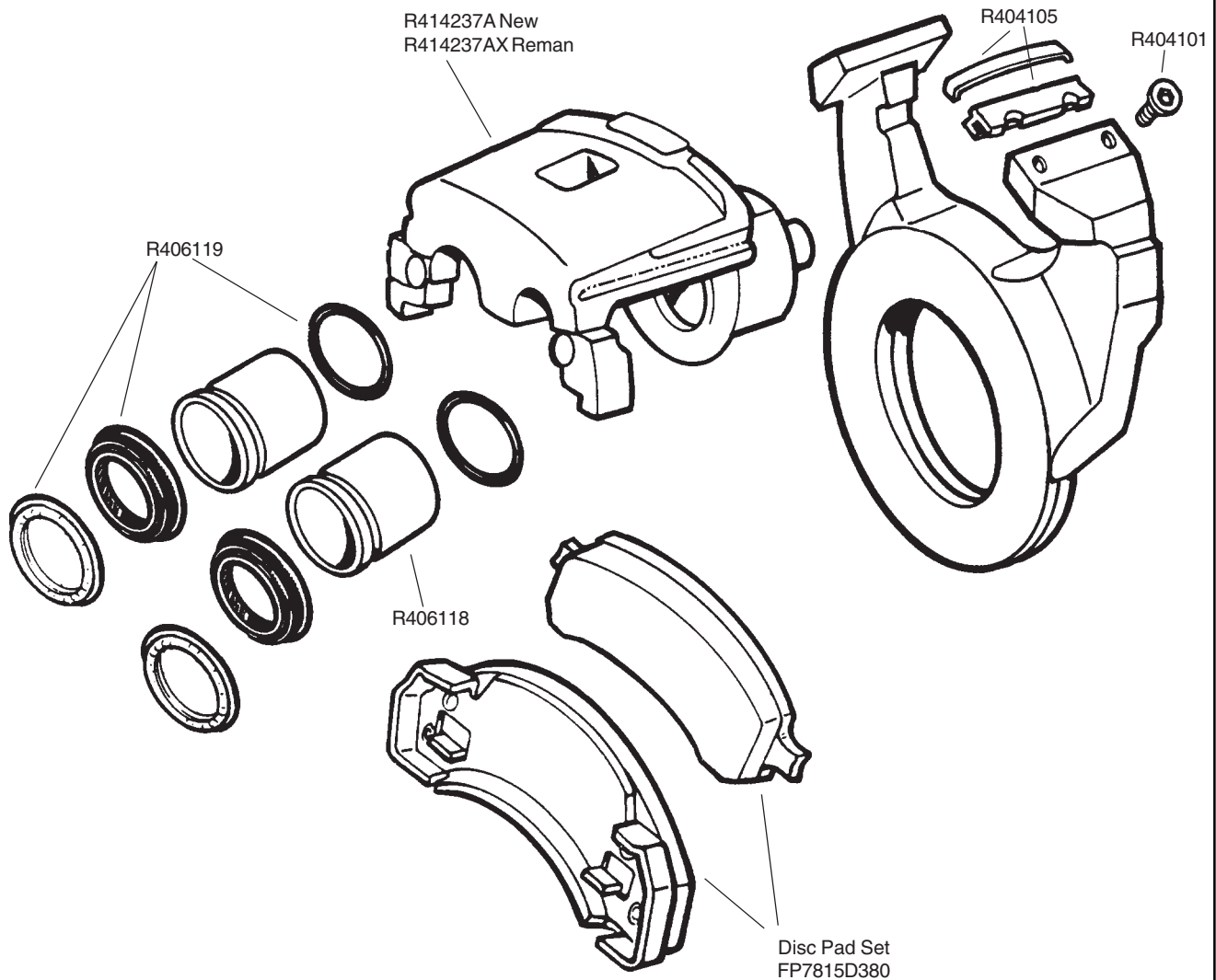
BENDIX HYDRAULIC DISC BRAKE PARTS

<div>HARDWARE KIT</div> <div>Services One Wheel</div> <div></div>	MERITOR NO.	REPLACES	
	R404105	Bendix H5634 Navistar 442255C1 571667C1	
<div>BOOT AND SEAL KIT</div> <div></div>	R404106	Bendix 66549 2235118 4150389 Navistar 582027C91 First and Second Design Pistons and Seals are not interchangeable.	
<div>GUIDE BOLT</div> <div></div>	R404101	Bendix H5010 Navistar 442198C1	
<div>CALIPER PISTON</div> <div></div> <div>2.60" Dia.</div>	R404100 Steel	Bendix 90055 2238231 Navistar 582025C1 First and Second Design Pistons and Seals are not interchangeable.	
<div>D380-O</div> <div>OUTER BRAKE PAD</div> <div></div> <div>(MOLDED)</div>	FP7815D380	BACKING PLATE LENGTH	REPLACES Navistar 582028C91 NOTE: D184 is a riveted pad, D380 is integrally molded
<div>D380-I</div> <div>INNER BRAKE PAD</div> <div></div> <div>(MOLDED)</div>		10 1/16"	
		LINING LENGTH	
		10"	
		BACKING PLATE LENGTH	
		8 5/64"	
LINING LENGTH			
		6 53/64"	

BENDIX HYDRAULIC DISC BRAKE

(2.60" Twin Piston)
SECOND DESIGN
(After 1988)





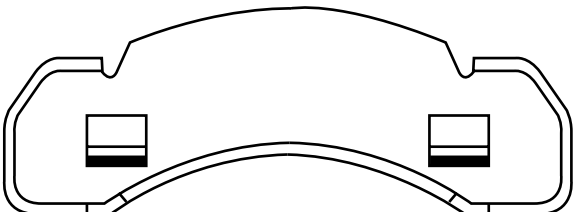
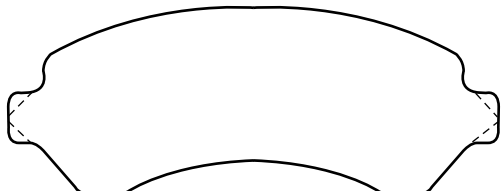
FMSI 7108-D184
7806-D184
7815-D184
7815-D380
7815-D717



NOTE:

The First Design Caliper (R429209X) and Second Design Caliper (R424237A, R424237AX) are interchangeable as assemblies, but their component parts are not.

BENDIX HYDRAULIC DISC BRAKE PARTS

<div>HARDWARE KIT Services One Wheel</div> <div></div>	MERITOR NO.	REPLACES	
	R404105	Bendix H5634 Navistar 442255C1 571667C1	
<div>BOOT AND SEAL KIT (SECOND DESIGN)</div> <div></div>	R406119	Bendix 107771 Second Design Boot Seal is made with a metal insert and is driven into the caliper housing. Second Design Boot Seal has only 2 folds in the rubber. First and Second Design Pistons and Seals are not interchangeable.	
<div>GUIDE BOLT</div> <div></div>	R404101	Bendix H5010 Navistar 442198C1	
<div>CALIPER PISTON</div> <div></div> <div>2.60" Dia.</div>	R406118 Phenolic/Steel	Bendix 4151728 Second Design Piston is phenolic with a metal "face" designed to reduce wear caused by abrasion on the Disc Pad. First and Second Design Pistons and Seals are not interchangeable.	
<div>D380-O OUTER BRAKE PAD</div> <div></div> <div>(MOLDED)</div>	FP7815D380	BACKING PLATE LENGTH	REPLACES Navistar 582028C91 NOTE: D184 is a riveted pad, D380 is integrally molded
<div>D380-I INNER BRAKE PAD</div> <div></div> <div>(MOLDED)</div>		10 1/16"	
		LINING LENGTH	
		10"	
		BACKING PLATE LENGTH	
		8 5/64"	
LINING LENGTH			
6 53/64"			

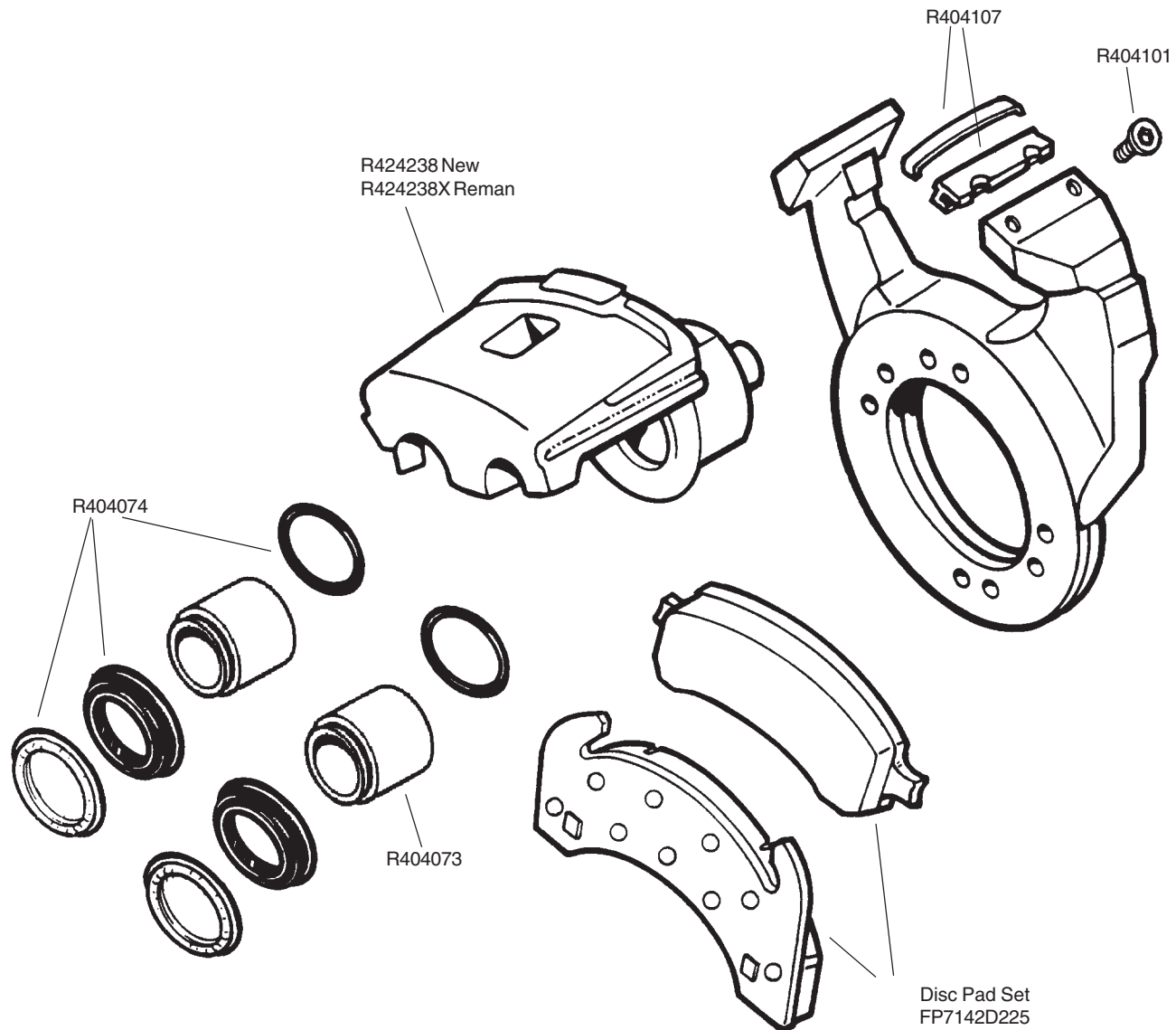
BENDIX HYDRAULIC DISC BRAKE

(2.88" Twin Piston) SECOND DESIGN

(Effective with Model Year 1988 Navistar and GM Medium-Duty Trucks)

FMSI 7142-D225




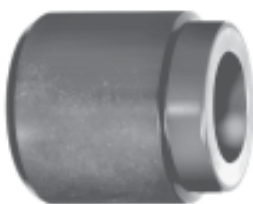
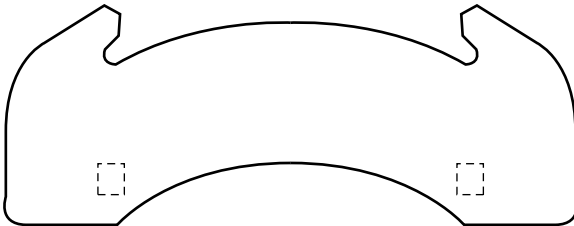
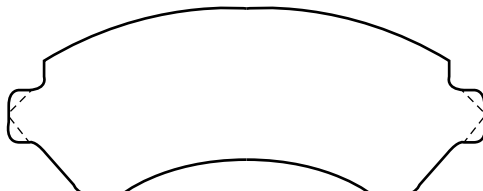
(Optional 7808-D225)



NOTE:

The First and Second Design Caliper are interchangeable as assemblies, but their component parts are not.

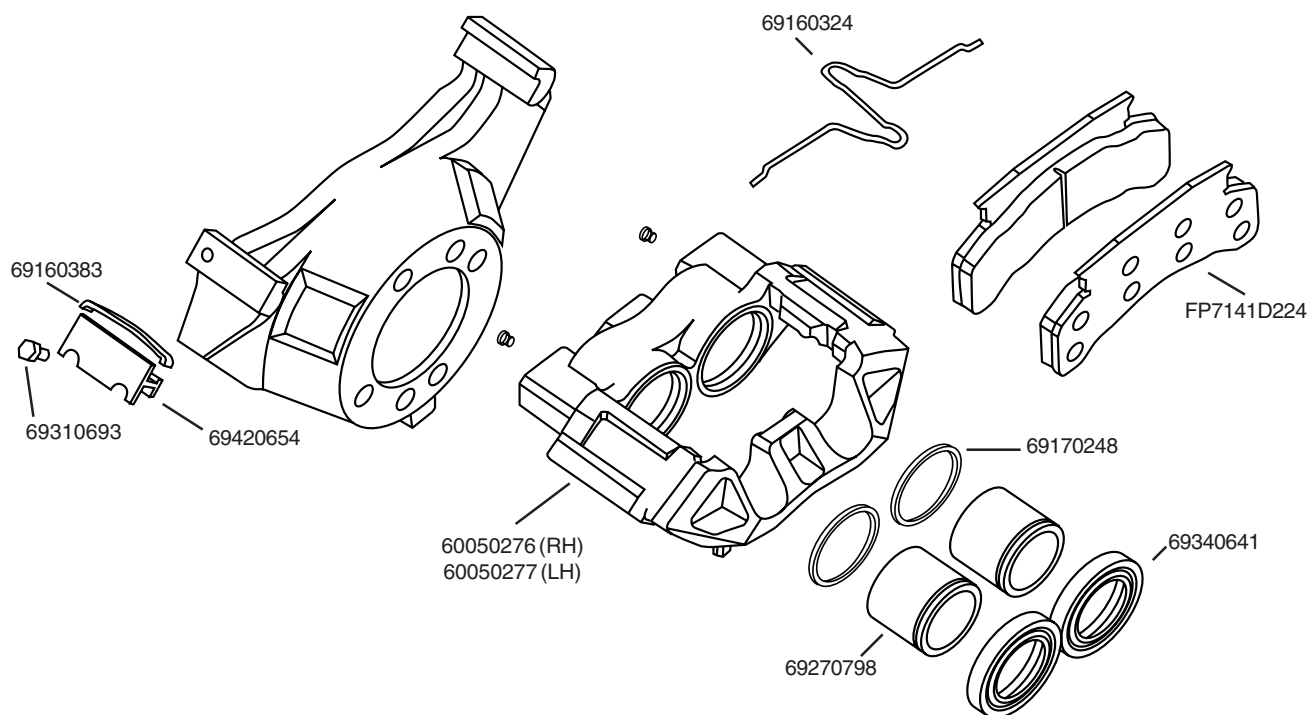
BENDIX HYDRAULIC DISC BRAKE PARTS

<div>HARDWARE KIT</div> <div>Services One Wheel</div> <div></div>	<div>MERITOR NO.</div> <div>R404107</div>	<div>REPLACES</div> <div>Bendix H5635</div> <div>GM 15501010</div> <div>15501013</div> <div>Navistar 593644C1</div> <div>592693C1</div>	
<div>BOOT AND SEAL KIT</div> <div></div>	<div>R404074</div>	<div>Bendix 66381</div> <div>Second Design Boot Seal is made with a metal insert and is driven into the caliper housing.</div> <div>Second Design Boot Seal has only 2 folds in the rubber.</div> <div>First and Second Design Pistons and Seals are not interchangeable.</div>	
<div>GUIDE BOLT</div> <div></div>	<div>R404101</div>	<div>Bendix H5010</div> <div>Navistar 442198C1</div>	
<div>CALIPER PISTON</div> <div></div> <div>2.88" Dia.</div>	<div>R404073</div> <div>Phenolic/Steel</div>	<div>Bendix 90096</div> <div>Second Design Piston is phenolic with a metal "face" designed to reduce wear caused by abrasion on the Disc Pad.</div> <div>First and Second Design Pistons and Seals are not interchangeable.</div>	
<div>D225-O</div> <div>OUTER BRAKE PAD</div> <div></div> <div>(MOLDED)</div>	<div>FP7142D225</div>	<div>BACKING PLATE LENGTH</div>	<div>REPLACES</div> <div>Navistar 582028C91</div>
<div>D225-I</div> <div>INNER BRAKE PAD</div> <div></div> <div>(MOLDED)</div>		<div>10 5/8"</div>	
		<div>LINING LENGTH</div>	
		<div>10 1/2"</div>	
		<div>BACKING PLATE LENGTH</div>	
		<div>8 5/64"</div>	
<div>LINING LENGTH</div>			
<div>6 53/64"</div>			

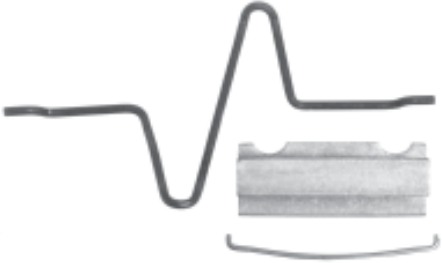

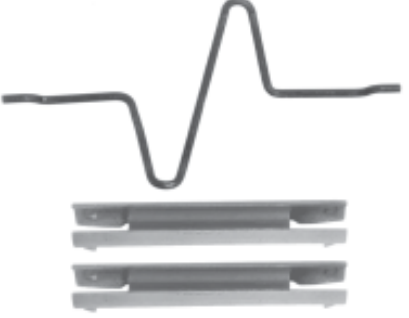


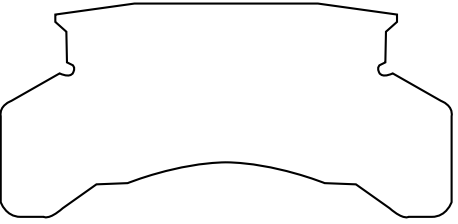
DAYTON HYDRAULIC DISC BRAKE

2.18" Twin Piston

FMSI 7141-D224



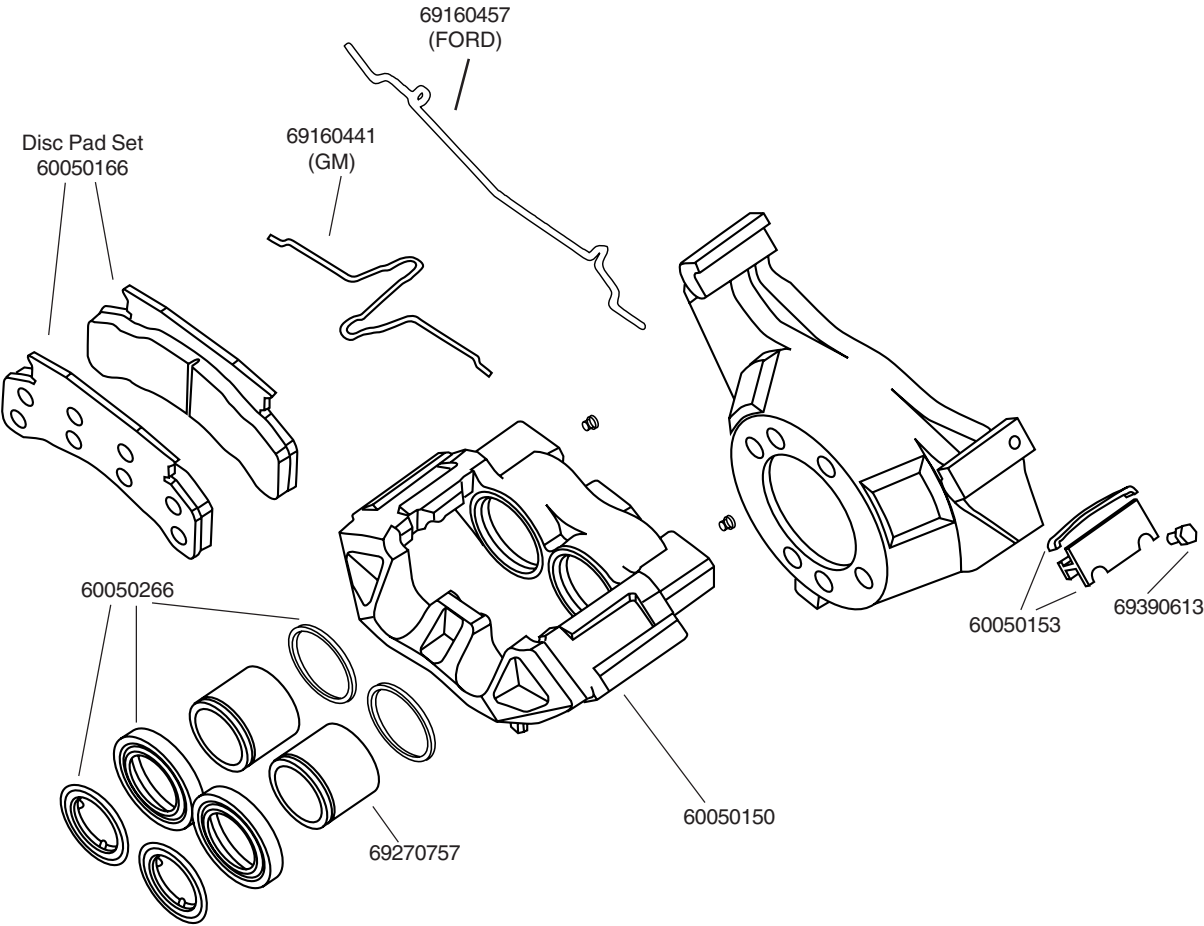
DAYTON HYDRAULIC DISC BRAKE PARTS

HARDWARE KIT Services One Wheel 	MERITOR NO.	REPLACES	
	60050135	Bendix H5533 Dayton 69160324 Z Spring 69160383 S Spring 69420654 Retainer Use 69390613 Guide Bolt with this configuration (1976-1985).	
GUIDE BOLT 	69310693	Bendix H5025 Use with Support Key and Spring Configuration (1976-1985).	
HARDWARE KIT Services One Wheel 	R407130	Carlson H5011 & H5420 Dayton 69160324 Z Spring Replaces 69390613 Guide Bolt, Support Key and Spring from 60050135 (1986-1995).	
BOOT AND SEAL KIT 	60050136	Bendix 66713 Dayton 69170248 Seal 69340641 Boot	
CALIPER PISTON 	69270798 Aluminum	Bendix 90029	
D224 OUTER AND INNER BRAKE PAD  OEM Shoes with insulator have the same profile for inner/outer material location	FP7141D224	BACKING PLATE LENGTH 7 9/16" LINING LENGTH 7 7/16"	REPLACES Dayton 69-240757

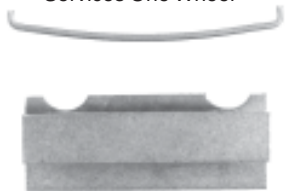





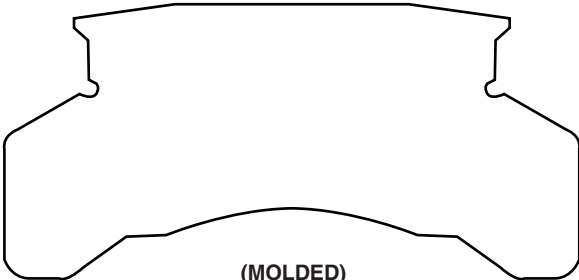
DAYTON HYDRAULIC DISC BRAKE

2.50" Twin Piston

FMSI 7141-D224
(Optional 7807-D224)



DAYTON HYDRAULIC DISC BRAKE PARTS

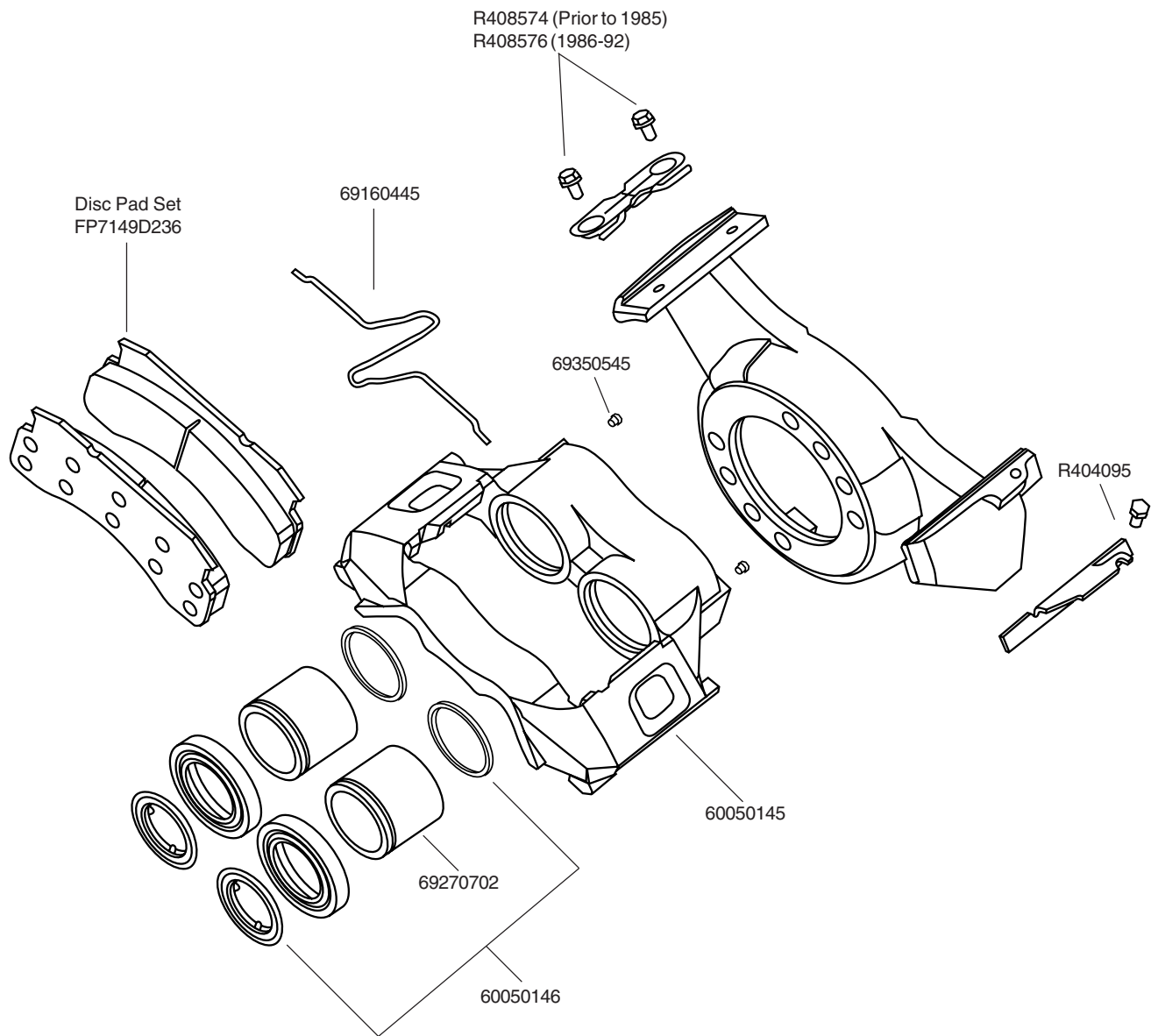
HARDWARE KIT Services One Wheel 	MERITOR NO.	REPLACES	
	60050153	Dayton 69420654 Retainer Spring 69160383 Ford E4HZ-28487A E4HZ-28552A GM 15501147	
BOOT AND SEAL KIT 	60050266	Dayton 6050151 Ford E4HZ-2207A GM 15510025	
GUIDE BOLT 	69390613	Carlson H5037 For Use With 60050153 Kit	
DISC PAD RETAINER CLIP FORD 	69160457	—	
DISC PAD RETAINER CLIP GM 	69160441	For Axle Kit, order 60050278	
CALIPER PISTON  2.50" Dia.	69270757 Aluminum	For kit containing 2 pistons, order 60050154	
D224 OUTER AND INNER BRAKE PAD  (MOLDED)	FP7141D224	BACKING PLATE LENGTH	REPLACES Dayton 69240767
		8 13/32"	
		LINING LENGTH	
		8 11/32"	

DAYTON HYDRAULIC DISC BRAKE







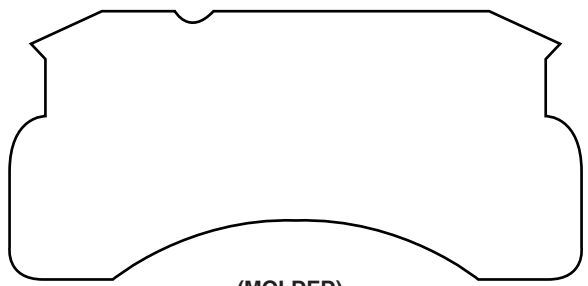
(2.88" Twin Piston)

FMSI 7149-D236

7809-D236

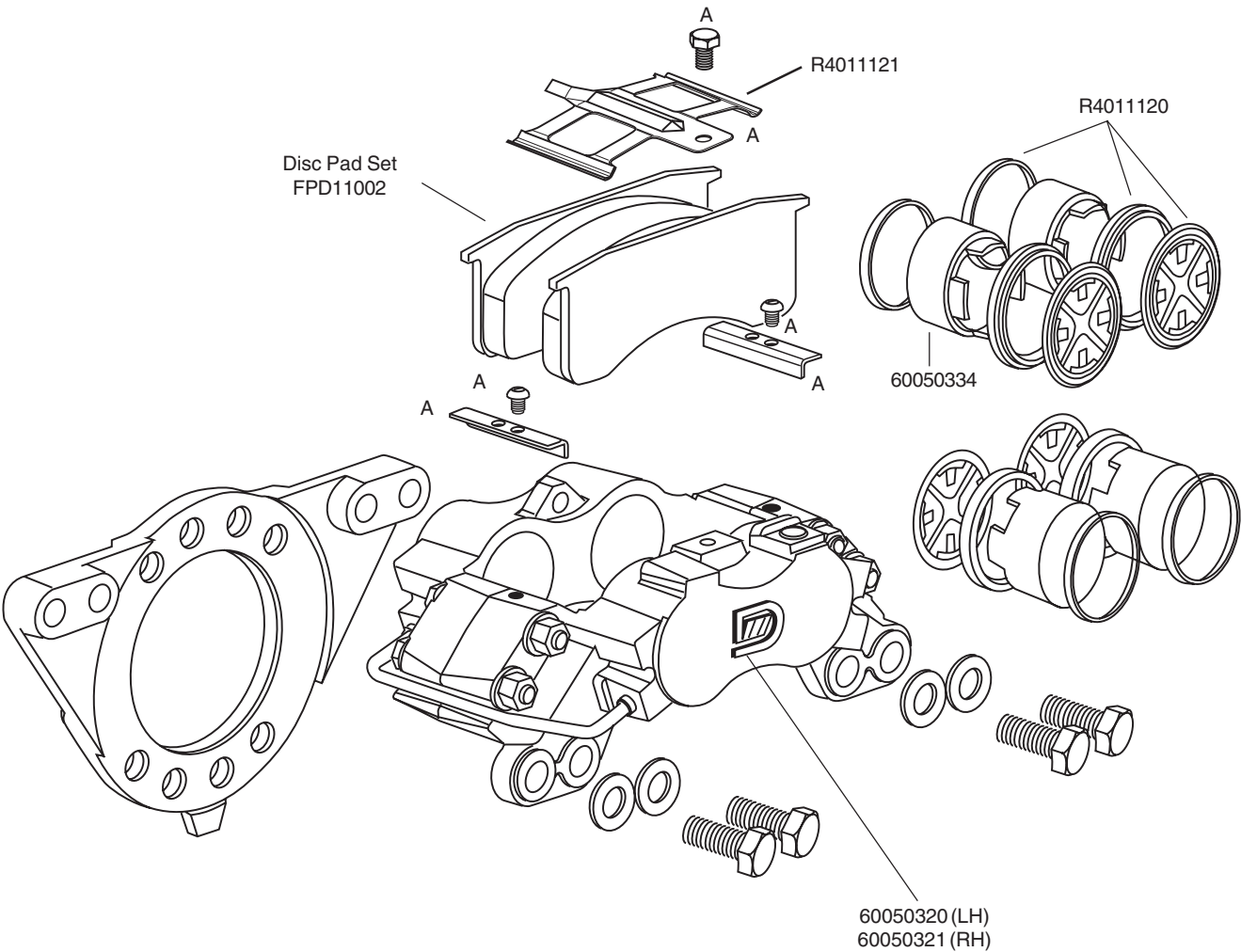


DAYTON HYDRAULIC DISC BRAKE PARTS

HARDWARE KIT Services One Axle 69420736 RH 69420737 LH  69160477  Dayton has changed the caliper keys contained in the new kits to separate left hand and right hand keys. Because the end user probably will not know which caliper key is needed, Meritor now supplies both keys in the new kits which service one axle.	MERITOR NO.	REPLACES	
	R408574 (Prior to 1985) Replaces (2) R404109	Dayton 69160430 (Stamped 69160429) 69420736 RH Retainer 69420737 LH Retainer Retainer Hole Dia. = 13/32" A=3 3/8"	
	R408576 (1986-92)	Dayton 69160453 (Stamped 69160453) 69420736 RH Retainer 69420737 LH Retainer Retainer Hole Dia. = 7/16" A=3 5/8"	
BOOT AND SEAL KIT 	60050146	Dayton 69170275 Seal 69340602 Boot 69350545 Fitting - Seat Inset	
GUIDE BOLT 	69310782	For Use With R408574, R408576	
CALIPER PISTON  2.88" Dia.	69270702 Aluminum	For Kit Containing 2 Pistons order 60050149	
DISC PAD RETAINER CLIP 	69160445	Dayton 69160445 For Axle Kit, order 60050149	
D236 OUTER AND INNER BRAKE PAD  (MOLDED)	FP7149D236	BACKING PLATE LENGTH	REPLACES Dayton 69240761
		9"	
		LINING LENGTH	
		8 15/16"	

DAYTON HYDRAULIC DISC BRAKE

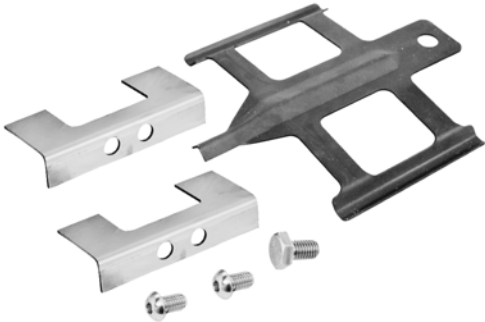


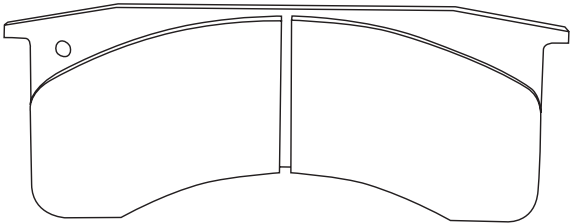
(2.76" Four Piston)



A

Contained in Hardware
Kit R4011121

DAYTON HYDRAULIC DISC BRAKE

HARDWARE KIT Services One Wheel 	MERITOR NO.	REPLACES
	R4011121	Dayton 69160483 (Anti-Rattle Spring) 69310804 (Bolt) 69310803 (Bolt Spacer)
BOOT AND SEAL KIT 	R4011120	Dayton 69340642 (Boot) 69170337 (Seal)
CALIPER PISTON  2.50" Dia.	60050334 (Steel)	Dayton 69270814
OUTER AND INNER BRAKE PAD 	FPD11002	REPLACES
		Dayton 69210823 60050314

MERITOR WABCO HYDRAULICS ABS

Overview

Meritor WABCO Hydraulic Anti-lock Braking System (ABS) is an electronic wheel speed monitoring and control system used on medium-duty trucks, buses and motor home chassis equipped with a hydraulic brake system.

How Hydraulic ABS Works

ABS wheel sensors detect wheel speeds. The sensors generate signals that are transmitted to an Electronic Control Unit (ECU). If the wheels start to lock, the ECU signals the modulator assembly, a control valve assembly, to regulate the brake pressure of each locking wheel.

During an ABS stop, a solenoid valve in the modulator assembly is rapidly pulsed; that is, it opens and closes several times to control the brake pressure. When this occurs, drivers may notice a pulsating of the brake pedal.

An ABS indicator lamp on the vehicle dash alerts the driver to a possible system fault and provides blink code information to diagnose the system.

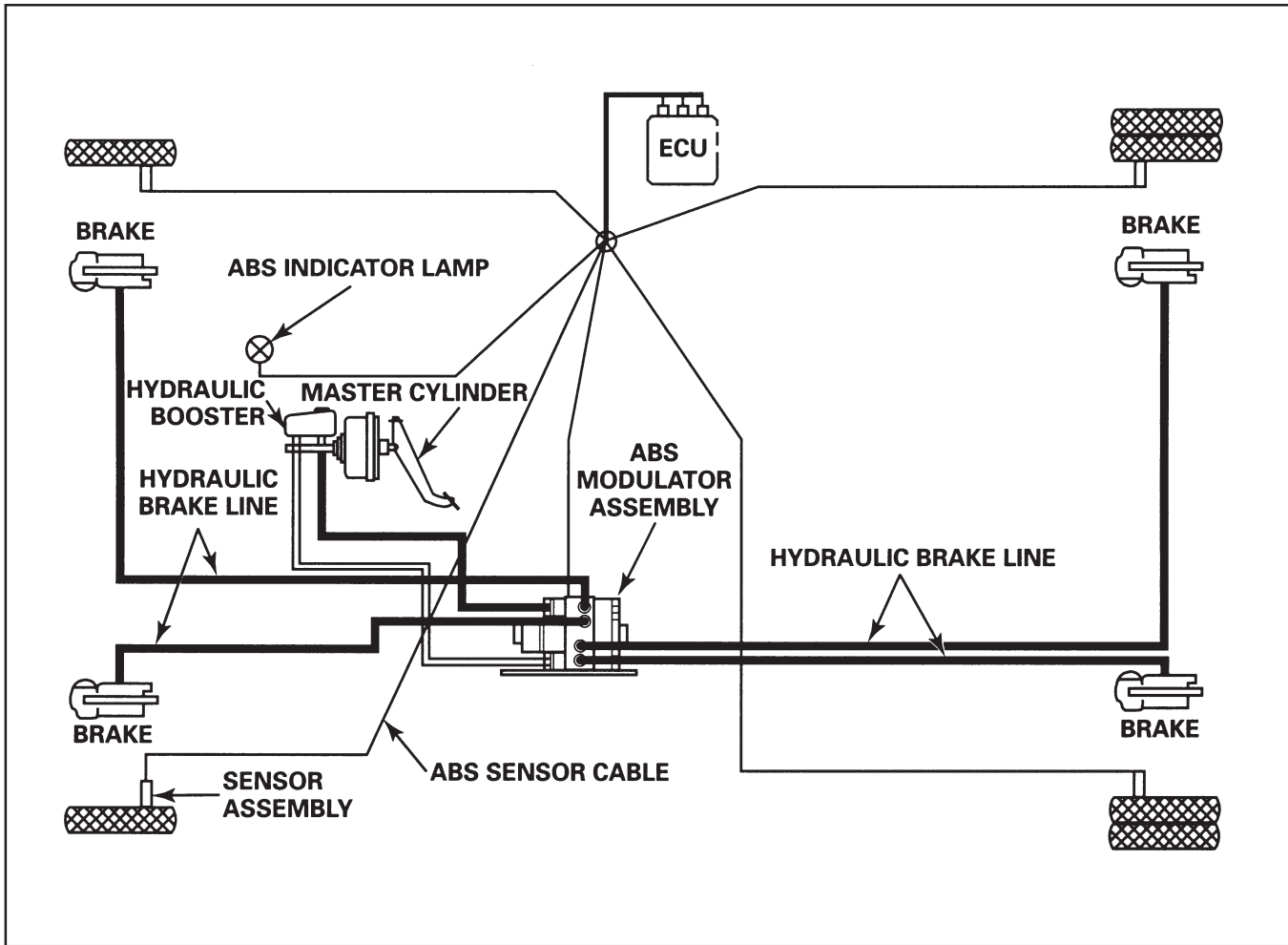
NOTE:

If the ABS indicator lamp comes on during normal vehicle operation, drivers may complete their trip, but are instructed to have their vehicles serviced as soon as possible.

In the unlikely event of an ABS system malfunction, the ABS in the affected wheel will be disabled and will return to normal braking. The other sensed wheels will retain their ABS function.

System Layout

A typical Meritor WABCO D version Hydraulic ABS system with a Cab-Mounted ECU is illustrated below.

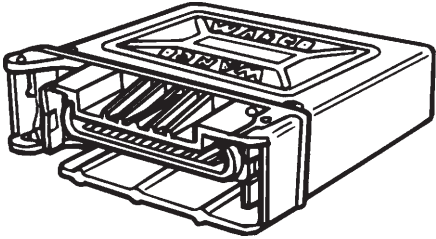


SYSTEM COMPONENTS

ELECTRONIC CONTROL UNITS (ECU)

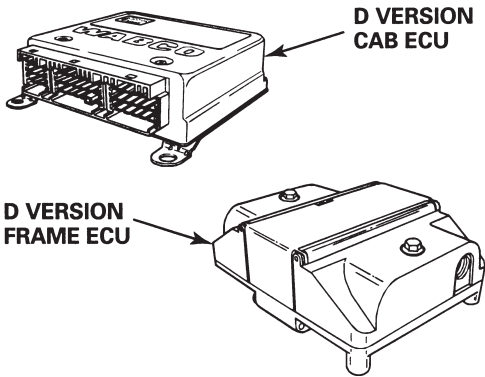
S = Wheel End Sensor M = Modulator Valves

C VERSION HABS - CAB MOUNTED	PART NO.	APPLICATION
	S446 044 040 0 S446 044 047 0 S446 044 061 0 S446 044 062 0	12V 4S/4M Discovery 12V 4S/4M Hummer 12V 4S/4M 658 - 550 Revolutions per mile 12V 4S/4M 549 - 460 Revolutions per mile



- Processes sensor signals and generates solenoid valve commands to reduce, maintain or reapply brake pressure.
- Mounting locations vary, depending upon the vehicle. Refer to the vehicle specifications for the exact location.

D VERSION HABS - CAB & FRAME MOUNTED	PART NO.	APPLICATION
	S446 044 081 0 S446 044 082 0 S446 109 003 0 S446 109 004 0 S446 109 005 0	12V 4S/4M Cab 658 - 550 Revolutions per mile Replaces S446 044 071 0 12V 4S/4M Cab 549 - 460 Revolutions per mile Replaces S446 044 072 0 12V 4S/4M Frame 658 - 550 Revolutions per mile Replaces S446 109 000 0 12V 4S/4M Frame 549 - 460 Revolutions per mile Replaces S446 109 001 0 12V 4S/4M Frame 757 - 590 Revolution per mile Replaces S446 109 002 0



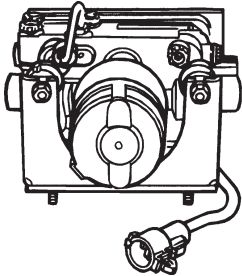
D VERSION CAB ECU

D VERSION FRAME ECU

- Processes sensor signals and generates solenoid valve commands to reduce, maintain or reapply brake pressure.
- Mounting locations vary, depending upon the vehicle. Refer to the vehicle specifications for the exact location.

MODULATOR ASSEMBLY

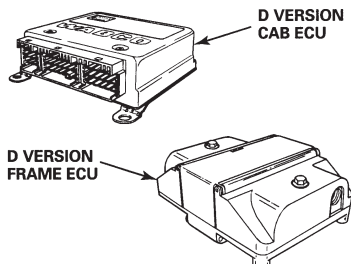
C VERSION	PART NO.	APPLICATION
	S478 407 011 0 S478 407 012 0 C Version Bracket only: S478 407 353 2	— With Bracket



- Houses the ABS solenoid control valves (one inlet valve and one outlet valve per wheel), a pump motor and two accumulators.
- Contains brake fluid and must be handled with appropriate care. It should not be exposed to impact loads, excessive vibrations or compressed air blown into the hydraulic ports.

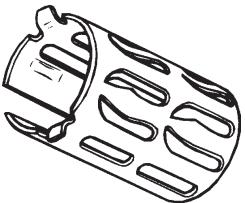
SYSTEM COMPONENTS

MODULATOR ASSEMBLY (Cont'd.)


D VERSION 	PART NO.	APPLICATION
	S478 407 040 0 S478 407 015 0 S478 407 056 0 D Version Brackets only: S478 407 359 4	Hummer With Bracket —

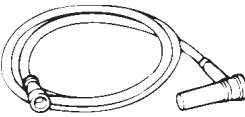
- Houses the ABS solenoid control valves (one inlet valve and one outlet valve per wheel), a pump motor and two accumulators.
- Contains brake fluid and must be handled with appropriate care. It should not be exposed to impact loads, excessive vibrations or compressed air blown into the hydraulic ports.

SENSORS

SENSOR SPRING CLIP 	PART NO.	INSIDE DIA.	OUTSIDE DIA.	LENGTH
	S899 760 510 4	0.63 in. 16.0 mm	0.71 in. 18.0 mm	1.18 in. 30.0 mm

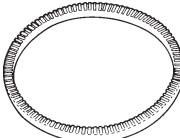
- Holds the wheel speed sensor inclose proximity to the tooth wheel.

STRAIGHT SENSORS 	PART NO.	CABLE LENGTH		APPLICATION
		FEET	METERS	
	S441 032 576 0	5.8	1.7	—

RIGHT ANGLE (90°) SENSORS 	S441 032 813 0	5.8	1.7	Replaces S441 032 057 0 and S441 032 617 0
	S441 032 814 0	6.6	2.0	Replaces S441 032 572 0 and S441 032 618 0
	S441 032 615 0	6.3	1.9	—
	S441 032 616 0	6.6	2.0	—

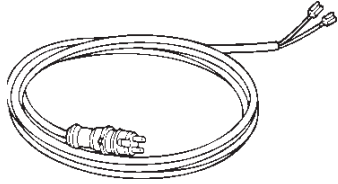
FUNCTION: Installed at wheel ends to measure the motion of a sensed wheel in ABS.

STYLE: Meritor WABCO sensors are either straight or 90° pencil-type sensors. Straight sensors are typically used in heavy front axle applications (16,000 - 20,000 GAWR) — 90° sensors are used in most other application. Sensor extension cables are available, see next page.

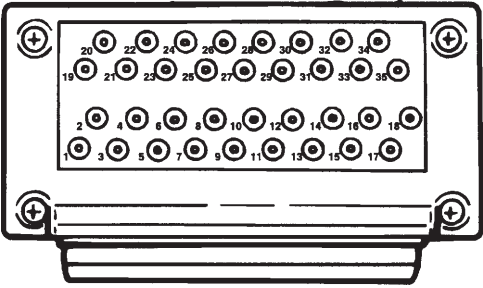
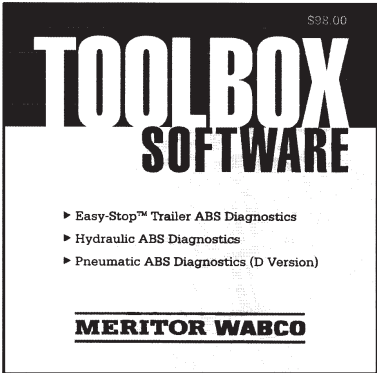
TOOTH WHEEL 	<p>Note: Meritor WABCO does not manufacture tooth wheels. Before replacing a tooth wheel, contact either the OEM or the hub manufacturer to see if the wheel and hub are sold as one unit.</p>
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SYSTEM COMPONENTS

SENSOR EXTENSION CABLES

CABLE	PART NO.	CABLE LENGTH		APPLICATION
		FEET	METERS	
 <p>For use with Cab-Mounted ECUs</p>	S449 711 015 0	4.9	1.5	Replaces S894 590 017 2
	S894 590 058 2	9.8	3.0	Replaces S894 580 010 2
	S894 590 059 2	16.4	5.0	Replaces S894 590 011 2
	S894 590 060 2	21.3	6.5	—
	S894 590 061 2	26.4	8.0	Replaces S894 590 012 2
	S894 590 062 2	32.8	10.0	Replaces S894 590 015 0
	S894 590 063 2	39.4	12.0	Replaces S894 590 014 0
	S894 590 064 2	49.2	15.0	—
FUNCTION: Connects the wheel end sensors to the ECU STYLE: 2-Wire with connector				

OPTIONAL TEST EQUIPMENT

C-VERSION	PART NO.	APPLICATION
	S446 330 314 0	Meritor WABCO Test Adaptor For use with C version HABS Test adaptor helps service and trouble-shoot the Meritor WABCO ABS.
	—	TOOLBOX Software For use with D version HABS To order, call 1-800-535-5560 NOTE: An RS232 to J1708 converter box is required. TOOLBOX Software is a PC-based diagnostics program. With TOOLBOX Software the service technician can display system faults and wheel speed data, test individual components, verify installation wiring and more. Runs in Windows® 95 and 98 - includes a comprehensive self-help menu and user manual.

NOTES





WHEEL ATTACHING

INNER CAP NUTS

FOR DUAL MOUNTED STEEL AND STEEL/ALUMINUM WHEELS

O.E. STANDARD FOR DUAL STEEL WHEELS	MERITOR NO.	REPLACES		OUTER THREAD SIZE	INNER THREAD SIZE	INNER THREAD MIN. DEPTH	OUTER OVERALL LENGTH
	R007895R&L Through Hardened Zinc Yellow Dichromate Plating	Budd Accuride Motor Wheel NWRA Meritor Webb	10708 / 10709 NTR-27 / NTL-27 84525 / 84526 X-1828 / X-1829 1199-J-114 / K-115 107080 / 107091	1 1/8"-16	3/4"-16	1 1/4"	2 7/32"
	R007896R&L Through Hardened	Alcoa Budd NWRA	5735-R&L 7896-R&L 35336 / 35337 X-1835 / X-1836	1 1/8"-16	3/4"-16	1 1/4"	2 9/16"
	R007897R&L Through Hardened	Budd NWRA Meritor	22621 / 22622 88013 / 88014 X-1408 / X-1407 X-2122 / X-2123 1199-F-968 / G-969	1 1/8"-16	3/4"-16	1 7/8"	3 1/16"
	R007898R&L Through Hardened Zinc Yellow Dichromate Plating	Budd NWRA Meritor	49414 / 49415 X-1411 / X-1412 1199-V-1348/W-1349	1 5/16"-12	15/16"-12	1 7/8"	3"






FOR DUAL MOUNTED ALUMINUM WHEELS

	R005988R&L Through Hardened	Alcoa NWRA	5988-R&L X-2138 / X-2139	1 1/8"-16	3/4"-16	1 15/16"	3 1/16"
	R005978R&L Through Hardened	Alcoa NWRA	5956-R&L X-1873 / X-1874				

Zinc Clear Chromate plating unless otherwise noted.


DISC WHEEL NUTS

CAP NUTS FOR SINGLE & DUAL MOUNTED WHEELS


	MERITOR NO.	REPLACES	THREAD	HEX	HIGH	APPLICATION & GENERAL INFORMATION
	R005977R&L Through Hardened Zinc Yellow Dichromate Plating	Alcoa 5977-R&L Accuride NTL/NTR 25 Alcoa 5552-R&L Budd 37891/2 Gunite 34271/72	1 1/8"-16	1 1/2"	7/8"	Forged Steel - Thru-Hardened Outer Dual or Large Stud Single Mounting For Severe Service Application,
	R005996R&L	Alcoa 5996-R&L	1 1/8"-16	1 1/2"	1"	For Alcoa Wide Base Aluminum Wheels. "Long Grip" Cap Nut Larger height provides greater lug wrench contact into wheel
	R005554R&L	Alcoa 5554-R&L Budd 70613/4	3/4"-16	1 1/2"	1"	For Single Mounting of Alcoa Forged Aluminum Disc Wheels
	R005995R&L	Alcoa 5995-R&L Webb 178950R 178951L	3/4"-16	1 1/2"	1 3/8"	For Alcoa Wide Base Aluminum Wheels. "Long Grip" Cap Nut Larger height provides greater lug wrench contact into wheel
	R005652R&L	Accuride NTL/NTR 25 Budd 37888/9 Gunite 25264/65 Motor Wheel 84523/24	3/4"-16	1 1/2"	7/8"	Single Mounting, Front or Rear
	R004976R	Budd 41233 Motor Wheel 81124	9/16"-18	1"	11/16"	—
	R009012R&L	Ford C7TZ1120A/ 1121A	9/16"-18	1 1/16"	21/32"	
	R004975R	Budd 67147	5/8"-18	1"	21/32"	
	R004979R	Budd 47147	5/8"-18	1 1/16"	5/8"	

DISC WHEEL NUTS


FLANGED CAP NUTS FOR SINGLE & DUAL MOUNTED WHEELS

	MERITOR NO.	REPLACES	THREAD	HEX	HIGH	APPLICATION & GENERAL INFORMATION
	R005579R&L	Budd 69912/3	1 1/8"-16	1 1/2"	1 3/32"	Outer Dual or Large Stud Single Mounting. Provides Extra Mounting Strength for Vehicles in Severe Service.
	R005578R&L	Budd 71736/7	3/4"-16	1 1/2"	1 3/32"	Single Mounting Front or Rear. Provides Extra Mounting Strength for Vehicles in Severe Service.

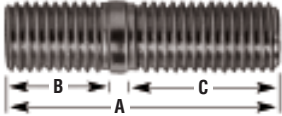
FOR HEAVY-DUTY "OFF HIGHWAY" SERVICE

	GRADE 8	MERITOR NO.	REPLACES	THREAD	HEX	HIGH	APPLICATION & GENERAL INFORMATION
		R005576R&L	Budd 49416/7 Meritor 1199X1350/ 1199Y1351	1 5/16"-12	1 3/4"	1 3/8"	Single or Outer Cap Nuts May Be Used With Accuride "Duplex" Wheels.
		R006060R&L	Budd 67011/2	1 1/8"-16	1 3/4"	1"	Special nut for adapting heavy-duty "off highway" wheels to standard 1 1/8" thread studs.

FLANGED CAP NUTS

	MERITOR NO.	REPLACES	THREAD	HEX	HIGH	APPLICATION & GENERAL INFORMATION
	R009021	Metform/Securex 39635 GM 2071619 Meritor A-1227-Z-1404	7/8"-14	1 5/16"	7/8"	General Motors Bus
	R0010235	Ford E6HZ1120B GM 15642921 Volvo 947971-8 Metform 39724/39708	M20X1.5	30MM	(1 1/4") 32MM	Teflon Coated
	R009020	Metform/Securex 39701/39627 Alcoa 39691/39949 Ford E6HZ1120A Navistar 1649492C1	M22 x1.5	33MM	(1 1/32") 32MM	Alcoa Hub Piloted Wheels
	R006000	Metform/Securex 39702 Budd 106333	M22 x1.5	33MM	(1 7/32") 32MM	Teflon Coated For Budd Uni-Mount-10 (10 Stud) Hub Piloted Wheel System
	R009318	—	M22 x1.5	33MM	(1 7/32") 32MM	Phosphate Coated

SPOKE WHEEL & RIM STUDS

GRADE 8	MERITOR NO.	REPLACES	NWRA NO.	A	THREAD	THREAD LENGTH	
						B	C
	R004955	Dayton 08-005148 Goodyear ST-69	B-600	2 3/8"	5/8"-11	7/8"	1 7/32"
	R004958	Dayton 08-006654 Goodyear ST-68	B-601	2 3/4"	5/8"-11	7/8"	1 11/16"
	R005901	Dayton 08-008411	—	2 7/8"	3/4"-10	1"	1 11/16"
	R004956A	Dayton 08-005715 Goodyear ST-29 Gunitite WP147	B-602	3"	3/4"-10	1 1/16"	1 3/4"
	R005706	Dayton 08-204734	B-612	3 1/8"	3/4"-10	1 1/16"	1 7/8"
	R005726	Goodyear ST-178	—	3 1/4"	5/8"-11	7/8"	1 7/8"
	R005727	Goodyear ST-1298	—	3 1/2"	5/8"-11	7/8"	1 7/8"
	R004957	Dayton 08-034396	B-605	3 9/16"	3/4"-10	1 5/8"	1 5/8"
	R005728	Goodyear ST-770	—	3 5/8"	3/4"-10	1 1/16"	2 3/8"
	R005729	Goodyear ST-570	—	4"	3/4"-10	1 1/16"	2 3/4"

RIM CLAMPS





DAYTON

	MERITOR NO.	REPLACES	A	B	C	D	
	R005926	Dayton 09-885310	1/2"	2"	2"	3/4"	
	R005927	Dayton 09-007587 Dayton 09-839910	1/2"	2"	2"	5/8"	
	R005746	Dayton 09-008422	1/4"	3 1/8"	2 5/8"	5/8"	
	R005838	Dayton 09-007295	3/16"	2 1/2"	2 5/8"	3/4"	
	MERITOR NO.	REPLACES	A	B	C	D	SPACER WIDTH
	R005570	Dayton 09-541417 Erie E4 Webb 15414	1"	2 7/8"	2 1/2"	5/8"	4"
	R005571A	Dayton 09-612317 Erie E1 Webb 16123	1 1/8"	2 7/8"	2 1/2"	3/4"	4"
	R005046	Dayton 09-717110 Erie E6	1 1/16"	3"	2 13/32"	3/4"	4"
	R005047	Dayton 09-717510 Erie E10	1 1/16"	3"	2 13/32"	5/8"	4"
	R005784	Dayton 09-870817 Erie E12	1 3/8"	2 7/8"	2 1/2"	3/4"	4"
	R005040A	Dayton 09-699317 Erie E3	1 1/2"	2 7/8"	2 1/2"	3/4"	3 5/8"
	R005045	Dayton 09-658417 Erie E5	1 7/16"	2 13/16"	2 15/32"	5/8"	3 5/8"
	R005044	Dayton 09-604017 Erie E9	1 5/8"	2 3/4"	2 1/2"	5/8"	3 3/8"
	R005572A	Dayton 09-623517 Erie E2	1 3/4"	2 7/8"	2 1/2"	3/4"	3 3/8"
	R005785A	Dayton 09-870917 09-705317	1 7/8"	2 7/8"	2 13/32"	3/4"	3 3/8"
	R005839	Dayton 09-604317	2"	2 7/8"	2 13/32"	5/8"	3"



(Continued on next page)

RIM CLAMPS

ERIE - Wheels With Studs


 	MERITOR NO.	REPLACES	A	B	C	D	SPACER WIDTH
	R005571A	Erie E1 Dayton 09-612317	1 1/8"	2 7/8"	2 1/2"	3/4"	4"
	R005570	Erie E4 Dayton 09-541417	1"	2 7/8"	2 1/2"	5/8"	4"
	R005046	Erie E6 Dayton 09-717110	1 1/16"	3"	2 13/32"	3/4"	4"
	R005047	Erie E10 Dayton 09-717510	1 1/16"	3"	2 13/32"	5/8"	4"
	R005784	Erie E12 Dayton 09-870817	1 3/8"	2 7/8"	2 1/2"	3/4"	4"
	R005040A	Erie E3 Dayton 09-689317	1 1/2"	2 7/8"	2 1/2"	3/4"	3 5/8"
	R005045	Erie E5 Dayton 09-658417	1 7/16"	2 13/16"	2 15/32"	5/8"	3 5/8"
	R005572A	Erie E2 Dayton 09-623517	1 3/4"	2 7/8"	2 1/2"	3/4"	3 3/8"
	R005044	Erie E9 Dayton 09-604017	1 5/8"	2 3/4"	2 1/2"	5/8"	3 3/8"
 	MERITOR NO.	REPLACES	A	B	C	D	SPACER WIDTH
	R005747	Erie E7 Gunitex WP267	1 1/16"	2 3/8"	1 3/4"	3/4"	

GMC/CHEVROLET




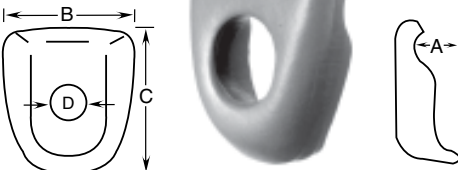
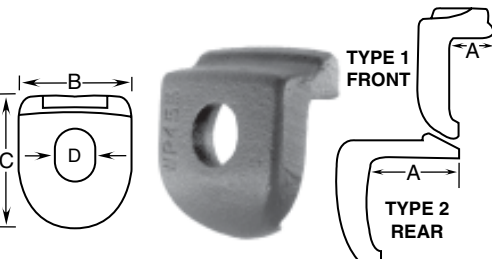
 	MERITOR NO.	REPLACES	A	B	C	D	SPACER WIDTH
	R005841	GMC/Chevrolet 644158	17/32"	1 7/8"	2"	3/4"	
 	MERITOR NO.	REPLACES	A	B	C	D	SPACER WIDTH
	R005570	GMC 2398446 Dayton 09-541417 Erie E4	1"	2 7/8"	2 1/2"	5/8"	4"
	R005040A	GMC 5767140 Dayton 09-699317 Erie E5	1 1/2"	2 7/8"	2 1/2"	3/4"	3 5/8"
	R005045	GMC 5767139 Dayton 09-658417 Erie E5	1 7/16"	2 13/16"	2 15/32"	5/8"	3 5/8"
	R005572A	GMC 2393267 Dayton 09-623517 Erie E2	1 3/4"	2 7/8"	2 1/2"	3/4"	3 3/8"
	R005044	GMC 2398447 Dayton 09-604017 Erie E9	1 5/8"	2 3/4"	2 1/2"	5/8"	3 3/8"

RIM CLAMPS

GOODYEAR REAR WHEELS

	MERITOR NO.	REPLACES	A	B	C	D
	R005885	Goodyear CL-1008	1 3/16"	2 1/2"	2 13/32"	3/4"




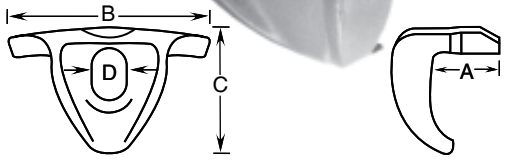
GUNITE

		MERITOR NO.	REPLACES	A	B	C	D	
		R005036	Gunite WP80	5/8"	2"	2 3/8"	5/8"	
		MERITOR NO.	REPLACES	A	B	C	D	RIM WIDTH
		R005902	Gunite WP722	1/2"	2 1/2"	3 5/8"	3/4"	8"
		MERITOR NO.	REPLACES	A	B	C	D	
		R009023	Gunite WP725	5/8"	2 1/2"	3 5/8"	3/4"	
		R005889	Gunite WP515	1/2"	2"	2 5/32"	3/4"	
		R005890	Gunite WP544	1/2"	2"	2 1/8"	3/4"	
		R005891	Gunite WP545	3/4"	2"	2 5/32"	3/4"	
		R005754	Type 1 Front Wheel Gunite WP259	21/32"	2"	2 9/32"	5/8"	
		R005974	Type 2 Rear Wheel Gunite WP682	1 7/16"	2 5/16"	2 11/32"	3/4"	


(Continued on next page)

RIM CLAMPS

GUNITE (continued)









	MERITOR NO.	REPLACES	A	B	C	D	SPACER WIDTH
	R005905A (casting)	Gunite W858 (forging) W1110 (casting)	1 3/16"	2 7/8"	2 3/8"	3/4"	4"
	R005904A (casting)	Gunite W846 (forging) W1138 (casting)	1 3/8"	2 7/8"	2 3/8"	3/4"	4"
	R005906	Gunite W866	1 5/8"	2 1/4"	2 1/4"	3/4"	3 5/8"
	MERITOR NO.	REPLACES	A	B	C	D	SPACER WIDTH
	R005747	Gunite WP267	1 1/16"	2 3/8"	1 3/4"	3/4"	
	R005753	Gunite WP344	1 7/16"	2 3/8"	1 13/16"	3/4"	
	R005837	Gunite WP398	1 13/16"	2 1/4"	1 13/16"	3/4"	
	MERITOR NO.	REPLACES	A	B	C	D	SPACER WIDTH
	R005778	Gunite WP383	1 5/16"	2 5/8"	2 3/16"	3/4"	4"
	R005782	Gunite WP384	1 3/4"	2 5/8"	2 3/16"	3/4"	3 5/8"
	MERITOR NO.	REPLACES	A	B	C	D	SPACER WIDTH
	R005041	Gunite WP166	1 9/16"	2 29/32"	2 7/16"	5/8"	3 5/8"

MACK FRONT WHEEL

	MERITOR NO.	REPLACES	A	B	C	D	E
	R006053	Mack 15QJ251	1"	5/16"	2 5/8"	2 1/2"	13/16"

RIM CLAMPS

NAVISTAR INTERNATIONAL (IHC)

 	MERITOR NO.	REPLACES	A	B	C	D	E
	R006054	Navistar 452010C1	1/2"	1 1/4"	3 7/16"	2 1/16"	13/16"
 	MERITOR NO.	REPLACES	A	B	C	D	E
	R005755	Navistar 868368R1	1 5/16"	2 1/4"	1 13/16"	3/4"	—
 	MERITOR NO.	REPLACES	A	B	C	D	E
	R005035	Navistar 66091R1	1 5/16"	2 1/2"	2 9/16"	5/8"	—
 	MERITOR NO.	REPLACES	A	B	C	D	SPACER WIDTH
	R005570	Navistar 92134H Dayton 09-541417 Erie E4	1 "	2 7/8"	2 1/2"	5/8"	4"
	R005571A	Navistar 549322 Dayton 09-612317 Erie E1	1 1/8"	2 7/8"	2 1/2"	3/4"	4"
	R005046	Navistar 973230R1 Dayton 09-717110 Erie E6	1 1/16"	3"	2 13/32"	3/4"	4"
	R005047	Navistar 171194R5 Dayton 09-717510 Erie E10	1 1/16"	3"	2 13/32"	5/8"	4"
	R005784A	Navistar 98839R1 Dayton 09-870817 Erie E12	1 3/8"	2 7/8"	2 1/2"	3/4"	4"
	R005045	Navistar 92135H Dayton 09-658417 Erie E5	1 7/16"	2 13/16"	2 15/32"	5/8"	3 5/8"



WHEEL BEARING & SEALS

MVP SEALS & TIMKEN BEARINGS

FRONT AXLE

MERITOR						
AXLE MODEL	AXLE RATING	TIMKEN BEARINGS		MVP SEAL PART NO.		
		INNER CUP/CONE	OUTER CUP/CONE	STANDARD	SEVERE	UNITIZED
FC931	7,000 lbs	45220 / 45284	2720 / 2780 2720 / 2794	R69612		
FD900	9,000 lbs	39520 / 39581	3525 / 3585	R69699	—	R65263U
FD931	9,000 lbs	39520 / 39581	3525 / 3585	R69642	—	—
FD961	10,000 lbs	39520 / 39581	3525 / 3585	R69699	—	R65263U
FD961	12,000 lbs	HM212011 / HM212047	3720 / 3782	R69699	—	R65263U
FE900	12,000 lbs	553X / 557A	3720 / 3782	R69699	—	R65263U
FE900	12,000 lbs	HM212011 / HM212044	3720 / 3782	R69699	—	R65263U
FF921	12,000 lbs	HM212011 / HM212047	3720 / 3782	R69699	—	R65263U
FF931	12,000 lbs	HM212011 / HM212047	3720 / 3782	R69699	—	R65263U
FF932	13,200 lbs	HM212011 / HM212049	3720 / 3782	R69699	—	R65263U
FF933	12,000 lbs	HM212011 / HM212047	3720 / 3782	R69699	—	R65263U
FF934	12,000 lbs	HM212011 / HM212047	3720 / 3782	R69699	—	R65263U
FF941	12,000 lbs	HM212011 / HM212047	3720 / 3782	R69699	—	R65263U
FF942	12,000 lbs	HM212011 / HM212047	3720 / 3782	R69699	—	R65263U
FF943	12,000 lbs	HM212011 / HM212047	3720 / 3782	R69699	—	R65263U
FG941	16,000 lbs	HM212011 / HM212049	3720 / 3782	R69699	—	R65263U
FG943	14,600 lbs	HM212011 / HM212049	3720 / 3782	R69699	—	R65263U

SPICER						
AXLE MODEL	AXLE RATING	TIMKEN BEARINGS		MVP SEAL PART NO.		
		INNER CUP/CONE	OUTER CUP/CONE	STANDARD	SEVERE	UNITIZED
160S	6,000 lbs	JM207010 / JM207049A	25820 / 25877	R69645	—	—
175S	7,500 lbs	JM207010 / JM207049A	25820 / 25877	R69645	—	—
180S	8,000 lbs	JM207010 / JM207049A	25820 / 25877	R69645	—	—
190S	9,000 lbs	HM212011 / HM212049	28622 / 28682	R69699	—	R65263U
1108S	10,800 lbs	HM212011 / HM212049	28622 / 28682	R69699	—	R65263U
1120S	12,000 lbs	HM212011 / HM212049	3720 / 3782	R69699	—	R65263U
1120S	12,000 lbs	H715311 / H715345	28622 / 28682	R69697	—	R56092U
1140S	14,000 lbs	HM212011 / HM212049	3720 / 3782	R69699	—	R65263U

DRIVE AXLE

EATON						
AXLE MODEL	AXLE RATING	TIMKEN BEARINGS		MVP SEAL PART NO.		
		INNER CUP/CONE	OUTER CUP/CONE	STANDARD	SEVERE	UNITIZED
S135-S	13,500 lbs	33462 / 33287	39520 / 39585	R69785	R65111U	—
S150-S	15,500 lbs	33462 / 33287	39520 / 39585	R69785	R65111U	—
17121	18,500 lbs	47620 / 47686	39520 / 39590	—	R65152U	—
17221	18,500 lbs	47620 / 47686	39520 / 39590	R69794	—	R65152U
19060	19,000 lbs	47620 / 47686	39520 / 39590	R69794	—	R65152U
21060	21,000 lbs	592A / 594	572 / 580	R69799	R70599	R65156U
22060	22,000 lbs	592A / 594	572 / 580	R69799	R70599	R65156U
22121	22,000 lbs	592A / 598A	572 / 580	R69799	R70799	R65156U
22221	22,000 lbs	592A / 598A	572 / 580	R69799	R70799	R65156U

MVP SEALS & TIMKEN BEARINGS

DRIVE AXLE (Cont'd)

MERITOR						
AXLE MODEL	AXLE RATING	TIMKEN BEARINGS		MVP SEAL PART NO.		
		INNER CUP/CONE	OUTER CUP/CONE	STANDARD	SEVERE	UNITIZED
RS13120	13,000 lbs	33462 / 33287	3920 / 3982	R69785	—	R651 1 1 U
RS15120	15,000 lbs	33462 / 33287	3920 / 3982	R69785	—	R651 1 1 U
RS15125	15,000 lbs	33462 / 33287	3920 / 3982	R69785	—	R651 1 1 U
RS15210	15,000 lbs	33462 / 33287	3920 / 3982	R69785	—	R651 1 1 U
RS16140	16,000 lbs	47620 / 47678	39520 / 39585	R69794	—	R65152U See Note 1
RS16140	16,000 lbs	572 / 582	47620 / 47687	R69795	—	—
RSI7140	17,000 lbs	493 / 495X	3920 / 3984	R69711	—	—
RSI7140	17,000 lbs	47620 / 47678	39520 / 39585	R69794	—	R65152U See Note 1
R317141	17,000 lbs	47620 / 47678	39520 / 39585	R69794	—	R65152U See Note 1
RS17220	17,000 lbs	493 / 495X	3920 / 3984	R69711	—	—
RS17220	17,000 lbs	47620 / 47678	39520 / 39585	R69794	—	R65152U See Note 1
RS20145	20,000 lbs	592A / 598A	572 / 580	R69799	R70799	R65165U
RS21145	21,000 lbs	592A / 594A	572 / 580	R69799	R70799	R65165U
RS20230	20,000 lbs	592A / 598A	572 / 580	R69799	R70799	R65165U
RS23160	23,000 lbs	592A / 594A	572 / 580	R69799	R70799	R65165U
RS23160	23,000 lbs	592A / 598A	572 / 580	R69799	R70799	R65165U
RS23180	23,000 lbs	592A / 594A	572 / 580	R69799	R70799	R65165U
RS23180	23,000 lbs	592A / 598A	572 / 580	R69799	R70799	R65165U
RS23240	23,000 lbs	592A / 594A	572 / 580	R69799	R70799	R65165U
RS23240	23,000 lbs	592A / 598A	572 / 580	R69799	R70799	R65165U

MERITOR						
AXLE MODEL	AXLE RATING	TIMKEN BEARINGS		MVP SEAL PART NO.		
		INNER CUP/CONE	OUTER CUP/CONE	STANDARD	SEVERE	UNITIZED
G175T	17,500 lbs	493 / 495AX	39520 / 39590	R69787	—	
G185S	18,500 lbs	47620 / 47686	39520 / 39590	R69794	—	
M185T	18,500 lbs	47620 / 47686	39520 / 39590	R69794	—	R65152U
G190S	19,000 lbs	47620 / 47686	39520 / 39590	R69794	—	R65152U See Note 1
M220S	22,000 lbs	592A / 594A	572 / 580	R69798	R70798	R65165U
M220S	22,000 lbs	592A / 598A	572 / 580	R69799	R70799	R65156U
M220T	22,000 lbs	592A / 594A	572 / 580	R69798	R70798	R65165U
M220T	22,000 lbs	592A / 594A	572 / 580	R69799	R70799	R65156U

Notes

1. Use R65024U for GM application

NOTES



DRIVE LINE

MERITOR PARTS . RIGHT FROM THE START.

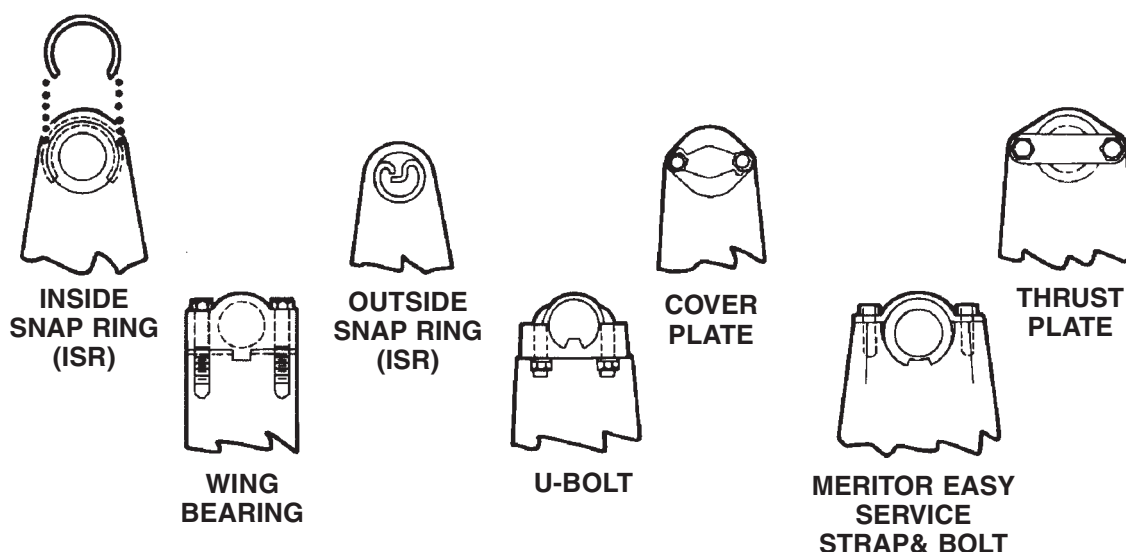
HOW TO SELECT U-JOINT KITS

Meritor offers U-joints in a full range of sizes for automotive as well as On and Off-highway truck and equipment applications

All sizes and types of Meritor U-joint kits are basically the same. They consist of the following:

- A cross
- Four (4) bearing races
- Seals
- Needle bearings
- Hardware to retain the bearings in the yoke
- Lube fitting (for most kits)

METHODS OF RETAINING U-JOINT KITS



Meritor U-joint Kits are catalogued by methods of retention within their basic style groups shown on the following pages. Each U-joint kit section uses specific illustrations showing primary dimensions for determining the part number.

The following table shows the basic kits styles used on passenger cars and light duty trucks regardless of vehicle model:

VEHICLE MANUFACTURER	MERITOR	CLEVELAND	DETROIT	SAGINAW/MECH.
AMC/JEEP	OSR	—	ISR	—
CHRYSLER	OSR	—	ISR	—
FORD	OSR	ISR	—	—
GMC	OSR	—	—	INJECTED NLYON/ISR
IHC	OSR	ISR	—	—

For medium and heavy-duty trucks, buses and off-highway equipment, use this catalog to identify the style of U-joint kit that needs replacing and match the dimensions from these pages with the dimensions of the worn kit.

MEASURING U-JOINT KITS

MEASURING U-JOINT KITS REMOVED FROM VEHICLE

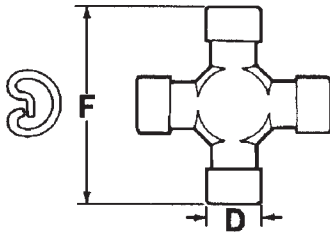


FIGURE 1

1. Remove the bearing caps.
2. Remove excess grease from the bottom of the bearing caps and trunnions.
3. Remove the seals from the bearing caps or trunnion to ensure accurate measurements when parts are compressed.
4. Measure as shown, using tolerance of $+ .005"/- .005"$ for dimensions "F" and "E", and a tolerance of $+ .003"/- .003"$ for all others.

OUTSIDE SNAP RING STYLE

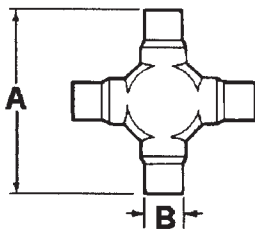


FIGURE 2

- A) Measure dimension "F" (Figure 1) and write it down.
- B) Measure dimension "D" (Figure 1) and write it down.
- C) Is there a lube fitting? Is it in the cross or the cap?
- D) If more information is needed, measure dimensions "A" and "B" (Figure 2). These dimensions may vary between manufacturers.
- E) Refer to the pages showing Outside Snap Ring Kits.

INSIDE SNAP RING STYLE

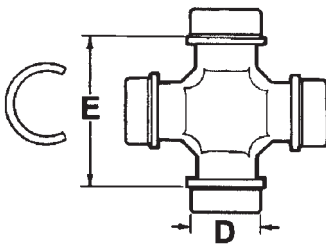


FIGURE 3

- A) Measure dimension "E" (Figure 3) and write it down. Be sure to include the thickness of the snap rings. The following method should be helpful.
 - 1) Measure from the inner edge of the snap ring groove to the inner edge of the other as shown by dimension "X". (Figure 4)
 - 2) Measure the thickness of one snap ring (Dim "Y"). Dimension "E" then equals "X" + 2 ("Y"). (Figure 4)
- B) Measure dimension "D" (Figure 3) and write it down.
- C) Is there a lube fitting? Is it in the cross or the cap?
- D) If more information is needed, measure dimensions "A" and "B" (Figure 2). These dimensions vary between manufacturers.
- E) Refer to the pages showing Inside Snap Ring Kits.

LUBRICATION OF U-JOINTS

The function of the lubricant in a U-joint is to protect the surface of the rollers and races from rust of corrosion and to reduce the friction between the rollers and races.

THE FOLLOWING GREASES ARE RECOMMENDED

An NLGI No. 2 grease consisting of a mineral oil and Lithium soap or equivalent base with EP additives to give long life characteristics.

Greases approved by Meritor include:

PN-C1AZ 19590 or a grease meeting Ford Motor Company Specification M1C-75B

Kendall L-424 Grease

Amoco Super Chassis

Amalie All-Purpose Grease with Moly, Li-2M

Exxon 5160

Shell Super-Duty Special FF

Maralube Moly Code 529

Philube MWEP2 Grease

The center crosses of the U-joints hold a generous supply of lubricant. This stored lubricant is supplied to the bearing by the centrifugal action of the rotating cross.

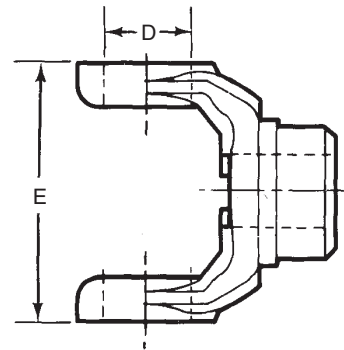
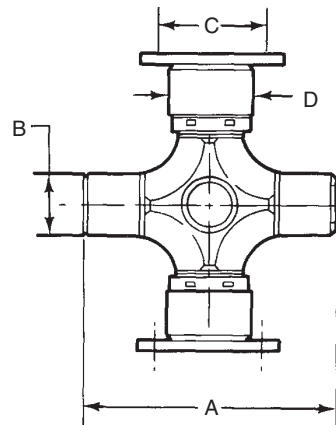
LUBRICANT REQUIREMENTS FOR U-JOINTS WILL VARY WITH THE APPLICATION.

Light-duty, low angle service may permit “greased for life” initial lubrication only.

Conditions of high angle, high speed or extremely dirty or moist conditions may require daily greasing.

The lubrication of the slip assembly can be done with the same type lubricant and at the same time as the U-joint. For slip assemblies, an EP chassis grease with a molybdenum disulfide (MoS_2) additive has shown good results in some applications.

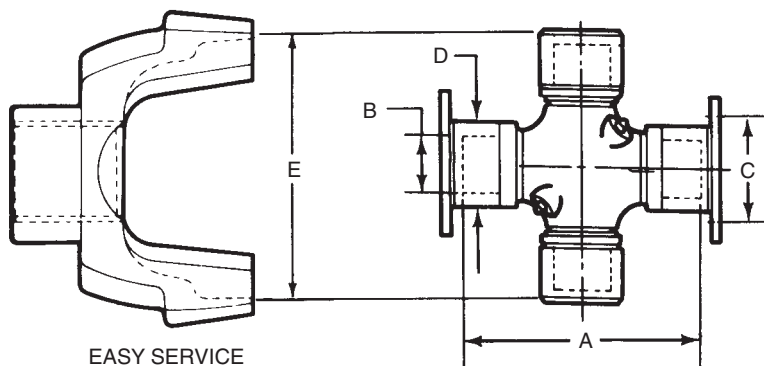
U-JOINT KIT BEARING PLATE



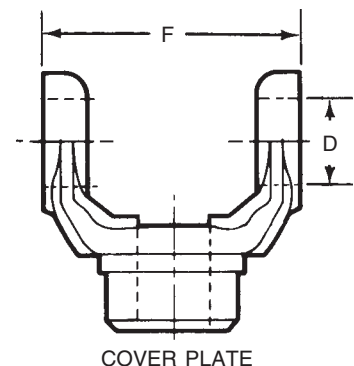
CROSS OVERALL LENGTH "A"	CROSS TRUNNION DIA. "B"	CL TO CL BEARING BOLT HOLE "C"	BEARING DIA. "D"	YOKE DIMENSION "E"	SERIES	U-JOINT KIT COVER PLATE MERITOR NO.
4.877"	1.269"	2.312"	1.875"	5.31"	16N	R279X
5.635"	1.363"	2.438"	1.937"	6.09"	17N	R280X

DRIVE LINE

U-JOINT KIT EASY SERVICE TYPE



EASY SERVICE

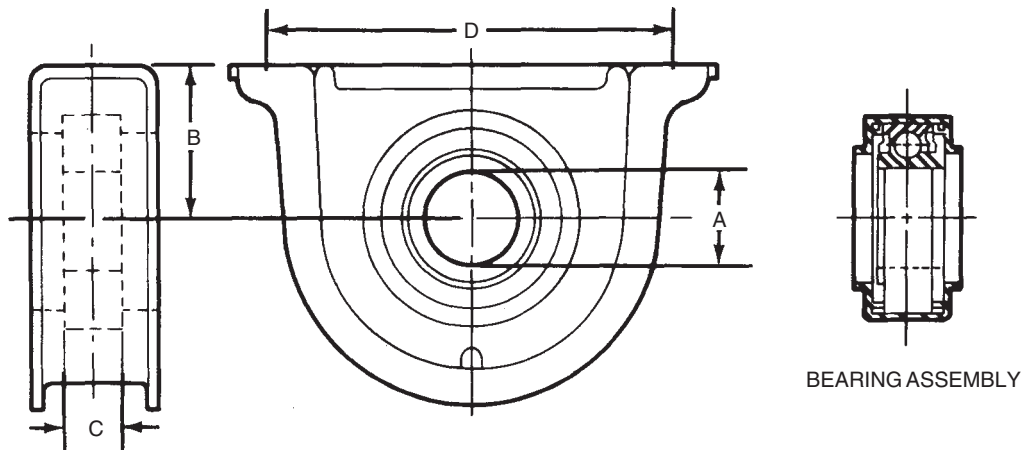


COVER PLATE

CROSS LENGTH "A"	CROSS TRUNNION DIA. "B"	CAP HOLE CENTER TO CENTER "C"	BEARING DIA. "D"	YOKE DIMENSION BETWEEN NIBBS "E"	YOKE DIMENSION ACROSS EARS "F"	SERIES	U-JOINT KIT PART NO.
5.001"	1.272"	2.308"	1.875"	5.31"	5.31"	16N	R674X (1)
5.784"	1.298"	2.432"	1.937"	6.19"	6.09"	17N	R675x (2)

* Includes two (2) retainer straps (1) Includes two (2) REBC16S retainer straps. (2) Includes two (2) REBC17S retainer straps.

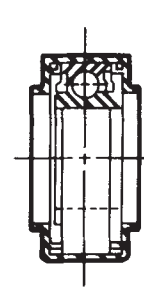
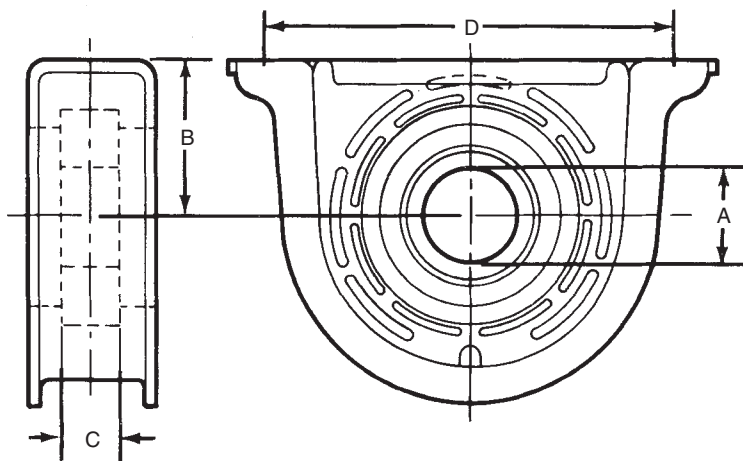
CENTER BEARINGS TYPE 2 — SOLID CUSHION



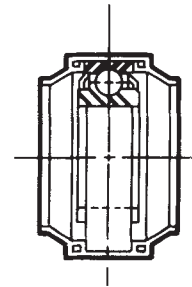
DRIVE LINE

BEARING INSIDE DIA. MAXIMUM/MINIMUM "A"	HEIGHT "B"	BEARING WIDTH "C"	MOUNTING HOLES CENTER TO CENTER	FRONT DEFLECTOR	REAR DEFLECTOR	CENTER BEARING MERITOR KIT NO.
176N, 17N (HEAVY DUTY), 18N SERIES						
2.3622" / 2.3616"	3.38"	1.41"	8.63"	DEFR55-1	DEFR55-1	CB210875-1X
2.3622" / 2.3616"	3.38"	1.41"	8.63"			CB310013-1X
2.3622" / 2.3616"	3.38"	1.41"	8.63"	DEFR55-1		GCB210875-1X
17N SERIES						
1.9685" / 1.9680"	2.81"	1.19"	7.63"	DEFR35-1	DEFR35-1	CB210881-1
1.9685" / 1.9680"	2.81"	1.19"	7.63"			CB310012-1X
1.9685" / 1.9680"	2.81"	1.19"	7.63"	DEFR35-1		GCB210881-1X

CENTER BEARINGS TYPE 2 — SLOTTED RUBBER CUSHION



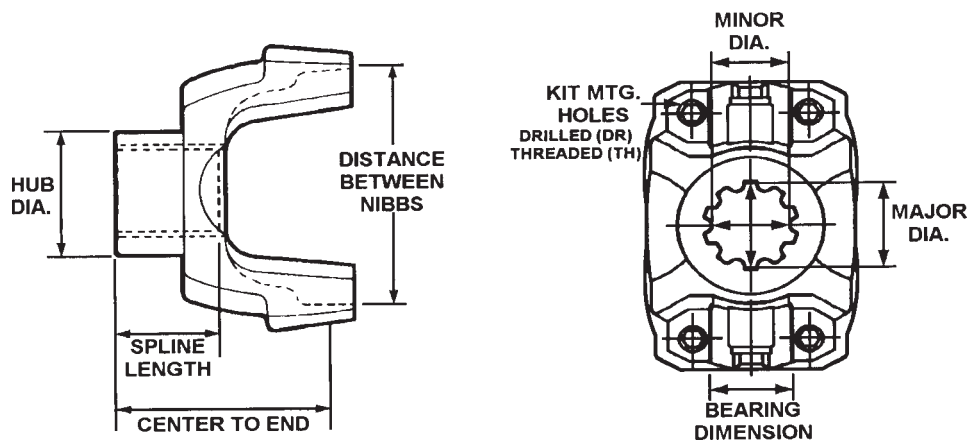
BEARING ASSEMBLY
STYLE F



BEARING ASSEMBLY
STYLE G

BEARING INSIDE DIA. MAX./MIN. "A"	HEIGHT "B"	BEARING WIDTH "C"	MOUNTING HOLES CTR.-TO- CTR. "D"	STYLE	FRONT DEFLECTOR	REAR DEFLECTOR	BEARING RETAINER DEFLECTOR	SPACER	MERITOR PART NO.
141N, 148N, 155N, 1650, 16N SERIES									
1.7717"/1.7712	2.69"	1.06"	7.63"	F	DEFR41-1	DEFR41-1	—	—	CB210084-2X
155N, 16N SERIES									
1.7717"/1.7712	2.69"	1.06"	7.63"	G	—	—	—	—	CB210130-1X
1.7717"/1.7712	2.69"	1.06"	7.63"	F	DEFR41-1	DEFR28-3	—	—	CB210207-1X
1.7717"/1.7712	2.69"	1.06"	7.63"	F	—	—	—	—	CB310007-1X
1.7717"/1.7712	2.69"	1.06"	7.63"	F	DEFR41-1	DEFR41-1	—	—	GCB210084-2X
1.7717"/1.7712	2.69"	1.06"	7.63"	G	—	—	—	—	GCB210130-1X
1.7717"/1.7712	2.69"	1.06"	7.63"	F	DEFR41-1	—	DEFR28-3	—	GCB210207-1X
176N, 17N (HEAVY-DUTY), 18N SERIES									
2.3622"/2.3616	3.38"	1.41"	8.63"	F	—	—	—	—	CB310015-1X
2.3622"/2.3616	3.38"	1.41"	8.63"	F	DEFR55-1	DEFR55-1	—	—	GCB210661-1X
176N, 17N (HEAVY-DUTY), 18N, 85WB, 92N SERIES									
2.3622"/2.3616	3.38"	1.41"	8.63"	F	DEFR55-1	DEFR55-1	—	—	CB210661-1X
17N SERIES									
1.9685"/1.9680	2.81"	1.19"	7.63"	F	—	—	—	—	CB310014-1X
1.9685"/1.9680	2.81"	1.19"	7.63"	F	DEFR35-1	DEFR35-1	—	—	GCB210121-1X
17N, 58WB, 72N, 82N SERIES									
1.9685"/1.9680	2.81"	1.19"	7.63"	F	DEFR35-1	DEFR35-1	—	—	CB210121-1X

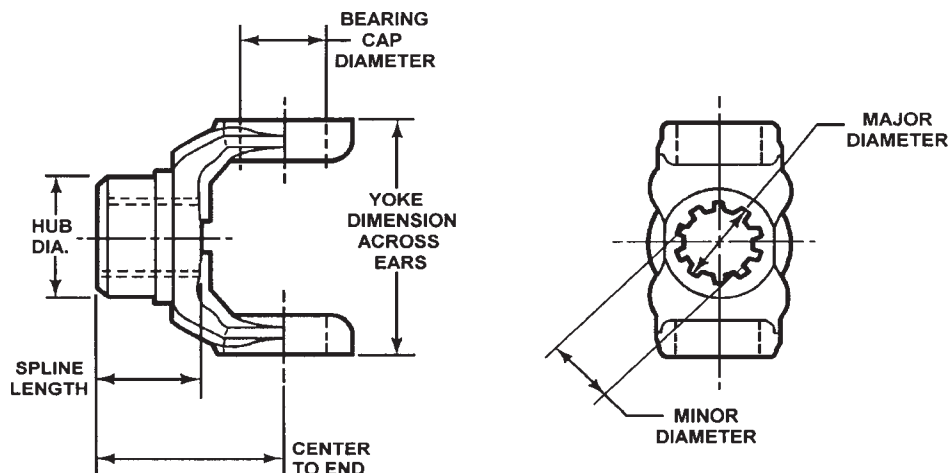
EASY SERVICE TYPE YOKES



DRIVE LINE

AXLE MODEL (LOCATION)	DIMENSIONS - INCHES						MERITOR PART NO.
	CENTER TO END	SPLINE LENGTH	HUB DIAMETER	BEARING DIAMETER	DISTANCE BETWEEN NIBBS	KIT MTG. HOLES	
1 3/4" - 34 SPLINE							
RS-13-120	4.88	2.25	2.5	1.875	5.313	Threaded	16TYS28-13A
RS-15-120	4.88			1.938	6.188	Threaded	17TYS28-57A
2" - 39 SPLINE							
RS-17-145	5.54	2.31	3.0	1.875	5.313	Threaded	16TYS32-32A
RS-19-145	6.22			1.875	5.313	Threaded	16TYS32-76A
RS-21-145	4.88			1.875	5.313	Threaded	16TYS32-60A
RC-22-145	6.25			1.938	6.188	Threaded	17TYS32-95A
	5.16			1.938	6.188	Threaded	117N-4-7631-IX
2 3/8" - 46 SPLINE							
RS-21-160	4.94	2.32	3.25	1.875	5.313	Threaded	16N-4-7341-IX
RC-23-160	5.38			1.938	6.188	Threaded	17N-4-7181-IX

EASY SERVICE TYPE YOKES



AXLE MODEL (LOCATION)	DIMENSIONS - INCHES						MERITOR PART NO.
	CENTER TO END	SPLINE LENGTH	HUB DIAMETER	BEARING DIAMETER	ACROSS EARS	SPLINE SIZE DIAMETER NO TEETH	
1 3/4" - 34 SPLINE							
RS-13-120	4.88	2.25	2.5	1.875	5.313	1.75-34	16N-4-5621X
RS-15-120							
2" - 39 SPLINE							
RS-17-145	5.54	2.31	3.00	1.875	5.313	2-39	16N-4-6281X
RS-19-145	6.22			1.875	5.313	2-39	16N-4-6291X
RS-21-145	5.16			1.938	6.094	2-39	17N-4-6421X
RC-22-145	6.25			1.938	6.094	2-39	17N-4-6391X
2 9/32" - 44 SPLINE							
RS-21-160	4.94	2.32	3.25	1.875	5.313	2.38-46	16NYS38-8A
RC-23-160	6.19			1.875	5.313		16NYS38-12A
RS-23-160	4.88			1.938	6.094		17NYS38-61A
RS-23-161	5.38			1.938	6.094		17N-4-7181X
	6.51			1.938	6.094		17NYS38-38A

NOTES

DRIVE LINE



FRONT AXLE

KING PIN SETS

MERITOR AXLES

CAPACITY (LBS.)	AXLE MODEL	BRONZE BUSHING	NYLON BUSHING	EASY STEER BUSHING	KING PIN TYPE	KING PIN DIA.	OVERALL LENGTH
8,000	FC941			R201318	Straight	1.4930	8.940
10,000	FD965			R201315	Straight	1.7935	10.392
12,000	FF941 *(600 & Below)			R201307*	Straight	1.7935	10.392
	FF941 *(Above 600)			R201315*	Straight	1.7935	10.392
	FF942			R201307	Straight	1.7935	10.392
	FF943			R201307	Straight	1.7935	10.392
	FF961			R201315	Straight	1.7935	10.392
	FF966			R201315	Straight	1.7935	10.392
13,200	FF944			R201307	Straight	1.7935	10.392
	FF967			R201315	Straight	1.7935	10.392
14,600	FG941 *(600 & Below)			R201309* R201319*	Straight	1.7935	10.392
	FG941			R201309* R201319*	Straight	1.7935	10.392
	FG943				Straight	1.7935	10.392
	FG943 *(Above 600)				Straight	1.7935	10.392
	FG952			R201309	Straight	1.7935	10.392
	FG953			R201310	Straight	1.7936	10.393
	FG954			R201311	Straight	1.7937	10.394
	FG955			R201312	Straight	1.7938	10.395
	FG956			R201313	Straight	1.7939	10.396
	FG957			R201314	Straight	1.7940	10.397
	FG958			R201315	Straight	1.7941	10.398
	FG959			R201316	Straight	1.7942	10.399
	FG960			R201317	Straight	1.7943	10.400
	FG961			R201318	Straight	1.7944	10.401
	FG962			R201319	Straight	1.7945	10.402
	FG963			R201320	Straight	1.7946	10.403
	FG964			R201321	Straight	1.7947	10.404
	FG965			R201322	Straight	1.7948	10.405
	FG966			R201323	Straight	1.7949	10.406
	FG967			R201324	Straight	1.7950	10.407
	FG968			R201325	Straight	1.7951	10.408

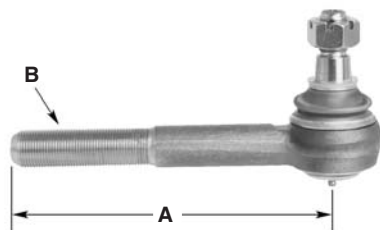
NAVISTAR AXLES

6,000; 8000	I60S(02ADA)	R200268			Straight	1.359	7.97
10,000; 12000	I100S(02ADC)	R201426			Straight	1.921	9.87
14000	I140S	R201427			Straight	2.046	10.12

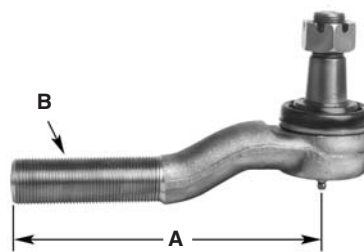
GENERAL MOTORS AXLES

6000,7000,	7500F070, F070D			R200025	Straight	1.250	7.88
9,000,	12000F120D			R200066	Straight	1.745	9.38

TIE ROD ENDS



TYPE 1



TYPE 3

MERITOR AXLES

FD-965, FF-941, FF-942, FF-943, FF-944, FF-961, FG-941

AXLE RATING LBS.	AXLE CODE/YEAR	MERITOR PART NO.	B THREAD SIZE	A LENGTH STUD	CENTER- ROD END	TYPE REFERENCE	OEM NOTES
10000		R230069	1 1/8"-12 RH	5.44"	1	A3144D524	
12000		R230068	1 1/8"-12 LH		1	A3144E525	Optional
		R230090	1 1/8"-18 RH		1	A3144F526	

NAVISTAR AXLES

6,000; 8,000	I160S, I180S	R230558	1 3/8"-12 LH	11.89"	3	FTR8224	
		R230559	1 3/8"-12 RH		3	FTR8225	
10,000; 12000	I100S	R230069	1 1/8"-12 RH	5.44"	1	FTR423R	
		R230068	1 1/8"-12 LH		1	FTR423L	
10,000; 12000;	I140S	R230028	1 1/8"-12 LH	9.18"	1	FTR411L	
14000		R230029	1 1/8"-12 RH		1	FTR411R	

GENERAL MOTORS AXLES

9,000; 12000	F090D, F120D	R230036	1 1/8"-12 RH	4.88	1	2037142	
		R230037	1 1/8"-12 LH		1	2037140	

NOTES

FRONT AXLE



SHOCK ABSORBERS

MERITOR PARTS . RIGHT FROM THE START.

GABRIEL SHOCK ABSORBERS

BLUEBIRD BUS

ALL AMERICAN

YEAR	VEHICLE	OEM	FLEETLINE		GASSLX ADJUSTABLE	
			FRONT	REAR	FRONT	REAR
	Front & Rear w/ Rockwell Axle	614966	85302	85302	89420	89420
		614974	—	85304	—	—
		823054	—	85302	—	—
	Rear w/ Spicer Axle	614966	—	85302	—	—
		614974/0823054	—	85302	—	—
	Buses w/ 35' Chassis	303-1350628	86712	—	—	—
	Buses w/ Neway Air Suspension	1526417	—	85052	—	—
		1667831	85029	—	—	—
	Buses w/ O.E. Number	1217934/0823054	85304	85304	—	—
		523047	85303	—	—	—
		961284	85004	85004	—	—
		90-1813/1004167	85712	—	—	—
	Buses w/ Reyco Air Suspension	1668722/1722214	85030	—	89440	—
		1668730/1722222	—	85013	—	89414
	Buses w/ Standard Flat Leaf Spring	614974	—	85304	—	—
		614966	—	85302	—	89420

REAR ENGINE Q BUSES

	With OEM No.	1658525	—	—	89432	—
	151 W.B. w/ 3 inch. Parabolic Front & Rear Leaf Spring	1658533	85010	85010	—	—
		1317767/1667831	85029	—	—	—
		1316546	—	85006	—	—
	249 W.B. w/ 4 inch. Parabolic Leaf Spring	1658533	85010	—	—	—
	249 W.B. w/ Standard Flat Leaf Spring	1317767/1667831	85029	—	—	—
		1658533	—	85010	—	—
		1316546	—	85006	—	—
	School Bus w/ 1 " Mounting Pins	614958/2050516	85307	—	—	—
		614966	85302	—	89420	—
		609180/614974	—	85304	—	—
	School Bus w/ 34" Mounting Pins	2021459	85012	85012	—	—
	TC2000 BUS	1658533	85010	85010	—	—
		1317767/1667831	85029	—	—	—
		1746163	—	85006	—	—
	TC2000 BUS w/ Neway Rear Air Suspension	90045050	—	85914	—	—

CHEVROLET/GMC 6, 60 & 6000 Series

1992-96	P6 School Bus Chassis	22064230	83106	—	—	—
1992-96	P6 School Bus Chassis with 15000, 19000, 21000 lb Multileaf Springs	22064232	—	86049	—	—
1992-96	P6 School Bus Chassis with 15000 lb. Taperleaf Spring	22064231	—	85324	—	—
1992-96	P6 School Bus Chassis with, 16900 lb. Taperleaf Spring	22064489	—	85326	—	—
1992-96	P6 School Bus Chassis with 19000, 21000 lb. Taperleaf Spring	22064233	—	85325	—	—

GABRIEL SHOCK ABSORBERS

CHEVROLET/GMC 7,70 & 7000 Series

YEAR	VEHICLE	OEM	FLEETLINE		GASSLX ADJUSTABLE	
			FRONT	REAR	FRONT	REAR
1993-98	B7 School Bus Chassis	22064230	83106	—	—	—
1993-98	B7 School Bus Chassis with 15000, 19000,21000 lb Multileaf Springs	22064232	—	85049	—	—
1993-98	B7 School Bus Chassis with 15000 lb. Taperleaf Spring	22064231	—	85324	—	—

FORD

1994-97	B-700,B-800 with 52" Multileaf Spring	F4HT-18045-CB	83107	—	—	—
1994-97	B-700, B-800 with 14600 lb. Multileaf Spring	F4HT-18045-EA	83125	—	—	—
1994-97	B-700, B-800 with 19000 lb. Multileaf Spring	F4HT-18080-AA/AB	—	85314	—	—
1994-97	B-700, B-800 with 21000 lb. Multileaf Spring	F4HT-18080-BA	—	85001	—	—

GILLIG

	School Bus with 1" Mounting Pins	200-171	85304	85304	—	—
		70034/680009	85302	85302	89420	89420
		53-176	85304	85304	—	—
	School Bus w/ 3/4" Mounting Pins	695110	85318	—	—	—
		57113	83219	—	—	—
		57131	—	83216	—	—

INTERNATIONAL (NAVISTAR) Series 3000 — Bus Chassis

	3700, 3800 Series	472412C91	83456	—	89447	—
		540395C92		83623	—	—
		501906C91	—	83317	—	—
	3700, 3800 Series vv/ International Corporate Air Suspension	1690035C1	—	85003	—	89411
	3700, 3800 Series w/ Neway ARD-234 Air Suspension	537524C91	—	83123	—	89405
	3900FC Series	2015557C1	85030	—	89432	—
		1677707C1	85030	—	89432	—
		467371C91	83225	83225	—	—
	3900 Genesis Front Engine w/ International Corporate Air Suspension 3900 Pusher Rear Engine	2200327C1	85332	—	—	—
		2018987C1	—	85003	—	89411
		2039549C1	85333	—	—	—
		501906C91	—	83317	—	—

THOMAS

	Models w/ O.E. Number	680010	85304	—	—	—
		680054	—	85307	—	—
		651442/61300285	—	83102	—	—
		630001	—	85308	—	89422
	MVP Pusher	87002/728802	—	87002	—	—
	SAF-T-LINER MVP-ER & MVP-EF	613002191	85305	—	—	—
		61310107	—	85030	—	89440

NOTES



AIR SYSTEM

AIR BRAKE HOSE ASSEMBLIES



Euclid Air Hose Assembly part numbers consist of a four digit base number followed by a dash and two additional digits. The four digit base number designates the size of the air hose and type of end fittings. The last two digits designate the overall length of the hose, "A" above.

End Fitting Type

R8579	3/8"	1/4"-18 NPTF, one fixed, one swivel end
R8580	3/8"	3/8"-18 NPTF, one fixed, one swivel end
R8581	3/8"	3/8"-18 NPTF, both ends swivel
R8582	1/2"	3/8"-18 NPTF, one fixed, one swivel end
R8583	1/2"	1/2"-14 NPTF, fixed end; 3/8"-18 NPTF, swivel end
R8584	1/2"	3/8"-18 NPTF, both ends swivel

Ex: **R8581-08** is a 3/8" hose, both ends swivel, 8" long.


All Air Hose Assemblies are packaged 2 per box.

- Denotes Air Hose Assemblies also available unboxed. Order with suffix "-BK".

"A" LENGTH	3/8" AIR BRAKE HOSE ASSEMBLIES			1/2" AIR BRAKE HOSE ASSEMBLIES		
	MERITOR NO. 1/4"-18 NPTF 1 Fixed/1 Swivel	MERITOR NO. 3/8"-18 NPTF 1 Fixed/1 Swivel	MERITOR NO. 3/8"-18 NPTF 2 Swivel	MERITOR NO. 3/8"-18 NPTF 1 Fixed/1 Swivel	MERITOR NO. 1/2"-14 NPTF Fixed 3/8"-18 NPTF Swivel	MERITOR NO. 3/8"-18 NPTF 2 Swivel
8"	R857908	R858008	R858108	R858208	R858308	R858408
12"	R857912	R858012	R858112	R858212	R858312	R858412
14"	R857914	R858014	R858114	R858214	R858314	R858414
16"	R857916	R858016	R858116	R858216	R858316	R858416
18"	● R857918	● R858018	R858118	● R858218	R858318	R858418
20"	● R857920	● R858020	R858120	● R858220	R858320	R858420
22"	● R857922	● R858022	R858122	● R858222	R858322	R858422
24"	● R857924	● R858024	R858124	● R858224	R858324	R858424
26"	● R857926	● R858026	R858126	● R858226	R858326	R858426
28"	● R857928	● R858028	R858128	● R858228	R858328	R858428
30"	● R857930	● R858030	R858130	● R858230	R858330	R858430
32"	● R857932	● R858032	R858132	● R858232	R858332	R858432
34"	● R857934	● R858034	R858134	● R858234	R858334	R858434
36"	● R857936	● R858036	R858136	● R858236	R858336	R858436
38"	● R857938	● R858038	R858138	● R858238	R858338	R858438
40"	● R857940	● R858040	R858140	● R858240	R858340	R858440
42"	● R857942	● R858042	R858142	● R858242	R858342	R858442
44"	● R857944	● R858044	R858144	● R858244	R858344	R858444
46"	● R857946	● R858046	—	● R858246	R858346	R858446
48"	—	—	R858148	● R858248	R858348	R858448
50"	R857950	R858050	R858150	R858250	R858350	R858450
52"	—	—	R858152	R858252	R858352	—
54"	R857954	R858054	—	—	—	—
56"	—	—	R858156	R858256	R858356	R858456
60"	R857960	R858060	R858160	R858260	R858360	R858460
62"	—	—	—	R858262	—	—
66"	R857966	R858066	R858166	R858266	R858366	R858466
68"	—	R858068	—	R858268	—	—
72"	R857972	R858072	R858172	R858272	R858372	R858472
84"	R857984	R858084	R858184	R858284	R858384	R858484

AIR BRAKE HOSE AND FITTINGS





BULK AIR BRAKE HOSE





	MERITOR NO.	I.D.	O.D.	PACKAGE
	R8577	3/8"	3/4"	50 Ft. per box
	R8577BK	3/8"	3/4"	250 Ft. per reel
	R8578	1/2"	7/8"	50 Ft. per box
	R8578BK	1/2"	7/8"	250 Ft. per reel


TERMINAL BOLTS AND FRAME COUPLINGS

	MERITOR NO.	A	B	C	D	OVERALL LENGTH
	R8614	1/2"-14 NPTF	1"-14 UNS	1/4"-18 NPTF	—	3 15/16"
	R8615	1/2"-14 NPTF	1"-14 UNS	1/4"-18 NPTF	—	2 7/8"
	R8616 (Same as R8615, except has larger mounting nut)	1/2"-14 NPTF	1"-14 UNS	1/4"-18 NPTF	—	2 7/8"
	R8617	1/2"-14 NPTF	1"-14 UNS	3/8"-18 NPTF	—	1 11/16"
	R8618	1/2"-14 NPTF	1"-14 UNS	3/8"-18 NPTF	—	1 29/32"
	R8619	1/2"-14 NPTF	1"-14 UNS	1/4"-18 NPTF	—	2 1/8"
	R8620	1"-14 UNS	3/8"-18 NPTF	—	—	1 5/16"
	R8621	3/4"-16 UNS	1/4"-18 NPTF	—	—	15/16"
	R8622	3/4"-16 UNS	1/4"-18 NPTF	—	—	1 1/2"
	R8623	1/2" O.D. Tube	7/8"-20 UNF	3/8"-18 NPTF	—	1 5/16"
	R8624	3/8" O.D. Tube	7/8"-20 UNF	3/8"-18 NPTF	—	1 3/8"
	R8625	1/2"-14 NPTF	1/4"-16 UNS	1/4"-18 NPTF	1/4"-18 NPTF	1 11/16"
	R8626	1/2"-14 NPTF	3/4"-16 UNS	1/4"-18 NPTF	—	2 5/32"
	R8627	1/2"-14 NPTF	3/4"-16 UNS	1/4"-18 NPTF	—	2 17/32"

AIR BRAKE FITTINGS

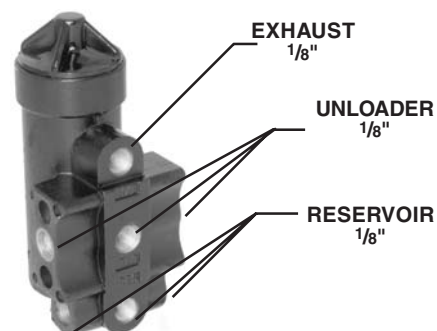
INSERT 	MERITOR NO.	FITS HOSE I.D.	PIPE THREAD	FITTING I.D.	HEX SIZE
	R8585	3/8"	1/4"-18	9/32"	1"
	R8586	3/8"	3/8"-18	9/32"	1"
	R8587	3/8"	1/2"-14	9/32"	1"
	R8588	1/2"	3/8"-18	25/64"	1 1/8"
	R8589	1/2"	1/2"-14	25/64"	1 1/8"
CONNECTOR 	MERITOR NO.	FITS HOSE I.D.	PIPE THREAD	OVERALL LENGTH	LENGTH ADDED TO HOSE
	R8590	3/8"	1/4"-18	2 17/64"	23/32"
	R8591	3/8"	3/8"-18	2 23/64"	51/64"
	R8592	3/8"	1/2"-14	2 29/64"	29/32"
	R8593	1/2"	3/8"-18	2 23/64"	51/64"
	R8594	1/2"	1/2"-14	2 29/64"	29/32"
CONNECTOR WITH SPRING GUARD 	MERITOR NO.	FITS HOSE I.D.	PIPE THREAD	OVERALL LENGTH	LENGTH ADDED TO HOSE
	R8595	3/8"	1/4"-18	4 3/4"	23/32"
	R8596	3/8"	3/8"-18	4 3/4"	51/64"
	R8597	3/8"	1/2"-14	4 7/8"	29/32"
	R8598	1/2"	3/8"-18	4 3/4"	51/64"
	R8599	1/2"	1/2"-14	4 7/8"	29/32"
HOSE UNION 	MERITOR NO.	FITS HOSE I.D.	INSERT HEX SIZE		OVERALL LENGTH
	R8600	3/8"	1"		3 1/4"
	R8601	1/2"	1 1/8"		3 1/4"

FERRULE 	MERITOR NO.	FITS HOSE I.D.	SPRING GUARD NUT 	MERITOR NO.	FITS HOSE I.D.
	R8602	3/8"		R8606	3/8"
	R8603	1/2"		R8607	1/2"
NUT 	R8604	3/8"	SPRING GUARD 	R8608	3/8"
	R8605	1/2"		R8609	1/2"

ADAPTER 	MERITOR NO.	FITS HOSE I.D.	PIPE THREAD	OVERALL LENGTH
	R8610	3/8"	1/4"-18	1 3/16"
	R8611	3/8"	3/8"-18	1 3/16"
	R8612	1/2"	3/8"-18	1 3/16"
	R8613	1/2"	1/2"-14	1 3/16"

AIR BRAKE GOVERNORS & LINE FILTERS

HALDEX BRAKE SYSTEMS (MIDLAND) STANDARD GOVERNOR



Repair Kit RN32W

MERITOR WABCO		REPLACES HALDEX	PORT SIZE	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.			
RKN18530	975 499 001 0	KN18530*	1/8"-27 NPTF	<ul style="list-style-type: none"> Operates in conjunction with the compressor unloading mechanism. Automatically controls the air pressure in the air supply system between the desired predetermined maximum and minimum pressures. Direct compressor or remote governor mounting. 0.336 diameter mounting holes. Weight 1.1 lb. <p>NOTE: Service units are supplied with dust cover.</p> <p>NOTE: Service units are sent with a factory set cut-in pressure of 105 +5/-0 psi.</p> <p>NOTE: Service units are sent with all ports open. Plugs are included in this package.</p>
RKN18532	975 499 002 0	KN18530		
RKN18530	975 499 003	KN18530		
RKN18530	975 499 006 0	KN18530		
RN30190AP	—	KN18531*		
RKN18531	975 499 004 0	KN18531	Reservoir Port 1/4"-18 NPTF	

* Service/OEM part numbers appearing in "BOLDFACE" are exact replacement units.

CHECK VALVES

SEALCO BY-PASS CHECK VALVE



MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	PORT SIZE	LENGTH	DIAMETER	ORIFICE SIZE	APPLICATION & GENERAL INFORMATION
RSL110183	Sealco 110183	1/4"	2 3/8"	1 1/4"	.21	—
RSL220000	Sealco 220000	3/4"	3 3/8"	1 1/2"	.21	—
RSL220100	Sealco 220100	1/4"	2 3/8"	1 1/4"	.21	—

SEALCO CHECK VALVE



MERITOR NO. NEW REPLACEMENT	REPLACES	PORT SPECIFICATIONS		APPLICATION & GENERAL INFORMATION
		A	B	
RSL22001/2	Sealco 22001/2	1/2" PT	1/2" PT	Dimension Size 2 3/8" x 1 1/4"
RSL22001/4	Sealco 22001/4	1/4" PT	1/4" PT	
RSL22003/4	Sealco 22003/4	3/4" PT	3/4" PT	

BENDIX SC-1 SINGLE CHECK VALVE



E-BN227871N Shown

EUCLID NO. NEW REPLACEMENT	REPLACES	PORT SPECIFICATIONS		APPLICATION & GENERAL INFORMATION
		FEMALE	MALE	
E-BN227870N	Bendix 227870 Midland KN23010	3/4"	3/8"	—
E-BN227871N	Bendix 227871 Midland KN23000	1/2"	1/2"	

CHECK VALVES

SEALCO ONE-WAY CHECK VALVE



MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	APPLICATION & GENERAL INFORMATION
RSL10200-1/2	Sealco 10200-1/2	—
RSL10200-3/4		

SEALCO TWO-WAY CHECK VALVE



MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	REPAIR KIT NO.	APPLICATION & GENERAL INFORMATION
RSL3200	Sealco 3200	RSL32-5	—
RSL320100	Sealco 320100	—	—
RSL7200	Sealco 7200	RSL72-5	—
RSL5200	Sealco 5200	RSL52-5	—

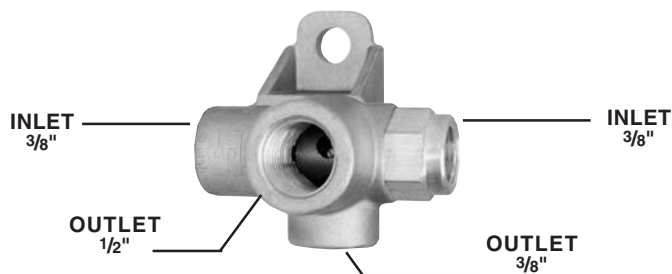
SLOAN "Z" TYPE CHECK VALVE



MERITOR NO. (NEW GENUINE SLOAN)	REPLACES	APPLICATION & GENERAL INFORMATION
RSN401018	Sloan 401018	—

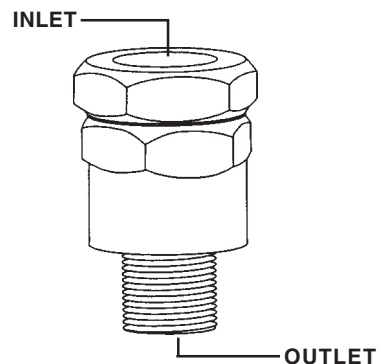
CHECK VALVES

SLOAN TWO-WAY CHECK VALVE



MERITOR NO. (NEW GENUINE SLOAN)	REPLACES	APPLICATION & GENERAL INFORMATION
RSN401019	Sloan 401019	—

HALDEX BRAKE SYSTEMS (MIDLAND) ONE-WAY CHECK VALVE

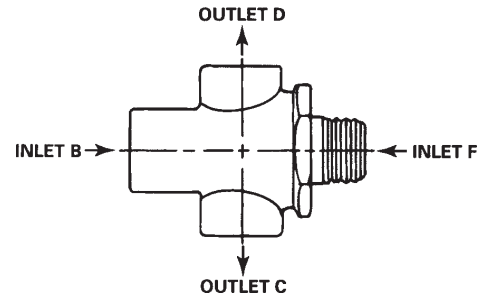
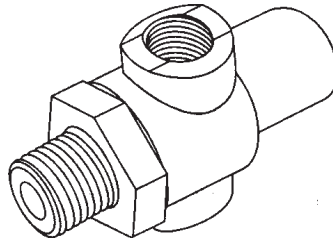


MERITOR WABCO		REPLACES HALDEX	PORT SPECIFICATIONS		APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.		FEMALE	MALE	
RKN23000	934 099 001 0	KN23000	1/2"	1/2"	<ul style="list-style-type: none"> Used whatever pressures must be isolated and not allowed to back feed. A popular use is to protect dry tanks from wet tank failure, pre FMVSS-121. Can be used on trucks, tractors and trailers. Models listed as heavy-duty can be used on compressor discharge. Some models are equipped with Schrader valves, used for system checkout. All models are male except RKN23080.
RKN1352AG	934 199 007 0	KN23010	3/8"	3/8"	
RKN23020	—	KN23020	1/2"	1/2"	
RKN23040	934 199 004 0	KN23040	3/4"	3/4"	
RKN23060	934 099 002 0	KN23060	1/2"	1/2"	
RKN23080	934 199 008 0	KN23080	1/4"	1/4"F	

CHECK VALVES

HALDEX BRAKE SYSTEMS (MIDLAND)

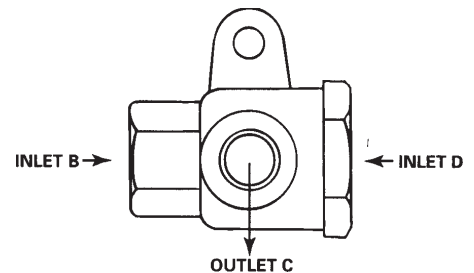
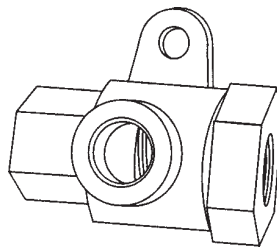
TWO-WAY CHECK VALVE SHUTTLE TYPE



MERITOR WABCO		REPLACES HALDEX	INLET "B"	OUTLET "C"	OUTLET "D"	INLET "F"	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.						
RKN25080	934 099 004 0	KN25080	3/8" F	3/8" F	1/4" Reducer	3/8" M with nipple	<ul style="list-style-type: none"> Only mount horizontally as pictured. For use when two inlets must become one inlet. Interchangeable with most competitive models. Weight 0.6 lb.
RKN25090	934 099 005 0	KN25090	3/8" F	3/8" F	1/4" Reducer	3/8" F	
RKN25100	934 099 008 0	KN25100	3/8" F	3/8" F	3/8" F	1/2" M	
RKN20966F	934 099 007 0	KN25110	3/8" F	3/8" F	3/8" F	3/8" F	
RKN25120	934 099 016 0	KN25120	1/4" F	1/4" F	1/4" F	1/4" F	

HALDEX BRAKE SYSTEMS (MIDLAND)

TWO-WAY CHECK VALVE DIAPHRAGM TYPE



MERITOR WABCO		REPLACES HALDEX	INLET "B"	INLET "D"	OUTLET "C"	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.					
RKN25060	934 099 003 0	KN25060	3/8" F	3/8" F	3/8" F	<ul style="list-style-type: none"> Not position sensitive, may be mounted in any position. Can be used in place of ball or shuttle types. Improves FMVSS-121 systems. Used when two inputs must become one output. Weight 0.3 lb.

COMBINATION VALVE

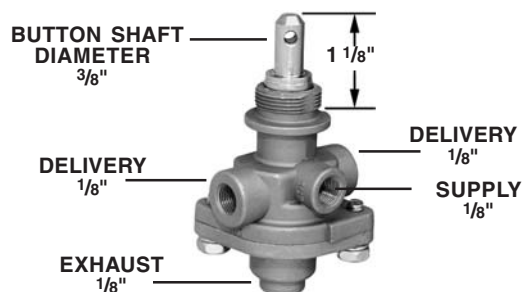
SEALCO COMBINATION VALVE



MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	APPLICATION & GENERAL INFORMATION
RSL110128	Sealco 110128	—
RSL110129	Sealco 110129	—
RSL110130	Sealco 110130	—
RSL110131	Sealco 110131	—

AIR BRAKE CONTROL VALVES

BENDIX PP-1 CONTROL VALVE



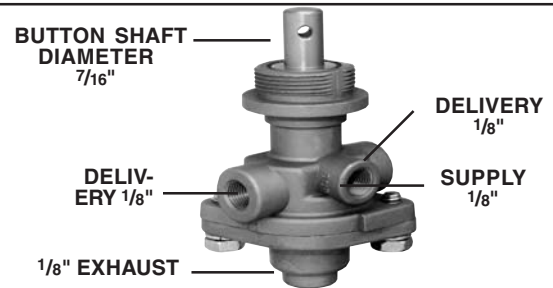
RBN276567N Shown

MERITOR NO. NEW REPLACEMENT	REPLACES	AUTO RELEASE PRESSURE	DELIVERY PORT	APPLICATION & GENERAL INFORMATION
RBN276566N	Bendix 276566	20 psi	1/8"	Button and mounting nut not included. (1) Remote mount - 1/4" Female thread in shaft. (2) 1/4" threaded delivery port. (3) 1/8" threaded delivery port - non automatic.
RBN276567N	Bendix 276567	40 psi	1/8"	

Push Pull Valves - Manually operable - Pressure sensitive, on/off valves which will automatically return to the button out (exhaust) position when supply pressure is below the required minimum.

AIR BRAKE CONTROL VALVES

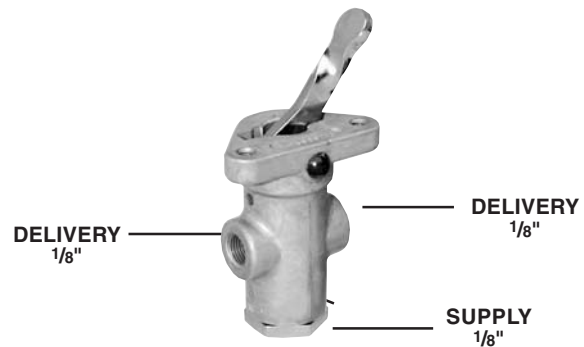
BENDIX PP-8 CONTROL VALVE



MERITOR NO. NEW REPLACEMENT	REPLACES	RELEASE PRESSURE	DELIVERY PORT	APPLICATION & GENERAL INFORMATION
RBN287238N	Bendix 287238	Manual	(2) 3/8"	No auto release feature - valve is manually operated. Button and mounting nut not included. (1) Remote mount

Push Pull Valves - Manually operable - Pressure sensitive, on/off valves which will automatically return to the button out (exhaust) position when supply pressure is below the required minimum. The PP-8 is manually operated. It will remain in the position it is placed in regardless of delivery or supply pressure. It is used to control tractor parking brakes on Post FMVSS-121 system.

BENDIX TW-1 CONTROL VALVE



MERITOR NO. NEW REPLACEMENT	REPLACES	STYLE	APPLICATION & GENERAL INFORMATION
RBN229635N	Bendix 229635	Lever Operated	Buttons and mounting hardware are not included.

Lever Type Valves - Manually operated valves. Usually dash mounted with either 2 or 3 lever positions. They are also available in cable control configuration. These valves are used primarily to control parking and emergency brakes.

AIR BRAKE CONTROL VALVES

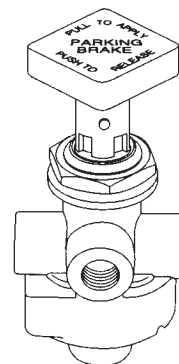
HALDEX BRAKE SYSTEMS (MIDLAND)

PUSH-PULL STYLE

Replacement Parts:

N14514AB Yellow Knob

RKN 20903 Yellow Knob



MERITOR WABCO		REPLACES HALDEX	POP PRESSURE	KNOB INCLUDED	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.				
RKN20021	936 649 001 0	KN20021	35 ± 10 psi	RN20903	<ul style="list-style-type: none"> Controls parking/emergency brakes. Bulkhead mount - 7/8" Made of durable EGC (Engineering Grade Composite). Won't rust or corrode. A better replacement for the PP-1. Weight 0.4 lb.
RN20960A	936 649 014 0	KN20960A	35 ± 10 psi	RN20901	

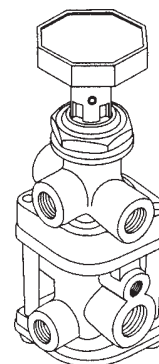
HALDEX BRAKE SYSTEMS (MIDLAND)

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PUSH-PULL STYLE

Replacement Parts:

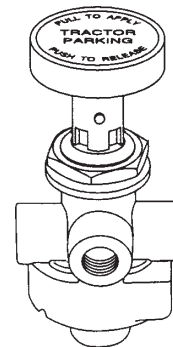
RKN 20900 Red Knob



MERITOR WABCO		REPLACES HALDEX	POP PRESSURE	NON- OVERRIDE PRESSURE	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.				
RKN20025	936 649 002 0	288746	35 ± 10 psi	25 ± 5 psi	<ul style="list-style-type: none"> Controls tractor protection. Bulkhead mount - 7/8". Made of durable EGC (Engineering Grade Composite) Won't rust or corrode. A better replacement for the PP-7. Exhaust and delivery 1/4-18 NPTF. Supply and control 1/8-27 NPTF. Weight 0.7 lb.

AIR BRAKE CONTROL VALVES

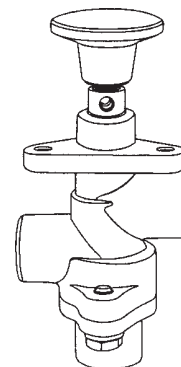
HALDEX BRAKE SYSTEMS (MIDLAND) PUSH-PULL STYLE



Replacement Parts:
RKN 20900 Red Knob

MERITOR WABCO		REPLACES HALDEX	POP PRESSURE	NON- OVERRIDE PRESSURE	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.				
RKN20964	936 649 015 0	KN20035	17.5 ± 12.5 psi	25 ± 5 psi	<ul style="list-style-type: none"> Controls TRACTOR ONLY parking. Bulkhead mount - 7/8". Made of durable EGC (Engineering Grade Composite) A better replacement for the PP-8. Will not stay in half-on-half off position. Won't rust or corrode. All ports 1/8"-27 NPTF. Weight 0.4 lb. With knob, 7/8" mounting hole required.

HALDEX BRAKE SYSTEMS (MIDLAND) PUSH-PULL STYLE



Replacement Parts:
RKN 20900 Red Knob

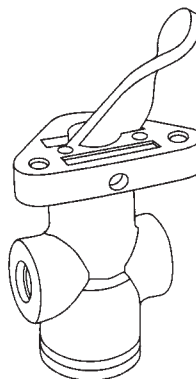
MERITOR WABCO		REPLACES HALDEX	POP PRESSURE	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.			
RKN20010*	—	KN20010	25/40 psi	<ul style="list-style-type: none"> Known as "Hostler Valve." Panel or bulkhead mount. Requires 3/4-inch hole in dashboard. 1/4-inch delivery and exhaust port. Weight 0.88 lb.
RN14488AK**	944 899 013 0	KN20020	25/40 psi	

* With N14515 knob * No knob (no face plate)

AIR BRAKE CONTROL VALVES

HALDEX BRAKE SYSTEMS (MIDLAND)

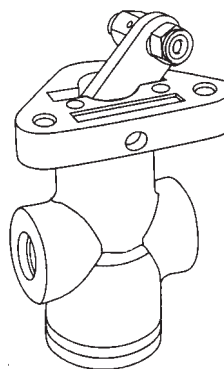
CONTROL VALVE LEVER TYPE



MERITOR WABCO		REPLACES HALDEX	TYPE	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.			
RKN20001	934 190 0070	KN20001	Y	<ul style="list-style-type: none"> • Panel mount. • Made of durable EGC (Engineering Grade Composite). • An on-off, non-automatic two position valve. • All ports 1/8-inch. • All mounting holes are #10-24 except N13440DN which is metric. • Mounting holes 1.50-inch centers. • Weight 0.18 lb.

HALDEX BRAKE SYSTEMS (MIDLAND)

CONTROL VALVE CAMSTYLE/LEVER TYPE

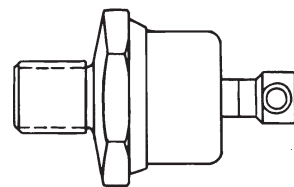
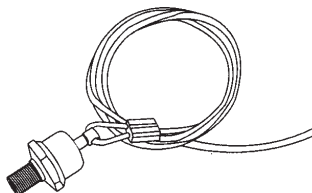


MERITOR WABCO		REPLACES HALDEX	TYPE	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.			
RKN20041	934 190 006 0	KN20041	Z	<ul style="list-style-type: none"> • Panel mount. • Made of durable EGC (Engineering Grade Composite). • An on-off, non-automatic two position valve. • All ports 1/8-inch. • All mounting holes are #10-24 except N13440DN which is metric. • Mounting holes 1.50-inch centers. • Weight 0.18 lb. <p>NOTE: Bowen wire, 5 swivel reversible; with machine screw</p>

AIR BRAKE DRAIN VALVES

HALDEX BRAKE SYSTEMS (MIDLAND)

MANUAL DRAIN VALVE



MERITOR WABCO		REPLACES HALDEX	CABLE LENGTH
SERVICE NO.	OEM NO.		
R12100	934 315 029 0	12100	No Cable
RN3613H	934 315 022 0	12102	24"
RN3613A	934 315 003 0	R12102	7"
R12102	934 315 032 0	12102	14"
RN3613BF	934 315 034 0	12102	16"
RN3613BJ	934 315 010 0	12102	10"
RN3613C	934 315 002 0	12102	18"
R12102	934 315 021 0	12102	22"
R12103	934 315 024 0	12103	36"
R12103	934 315 023 0	12103	25"
R12104	—	12104	48"
R12104	934 315 025 0	12104	42"
RN3613AD	934 315 004 0	12105	60"
R12102	934 315 030 0	—	76"
RN3613AK	934 315 031 0	—	12"
R12102	934 315 009 0	12102	65"
RKN21020	934 315 015 0	KN21008	85"
RKN21022	934 315 016 0	KN21022	12"
RN21023	934 315 017 0	KN21023	20"
RKN21024	934 315 018 0	KN21024	30"
RKN21024	934 315 019 0	KN21025	32"
RKN21026	934 315 020 0	KN21026	38"

AIR BRAKE DRAIN VALVES

SLOAN MANUAL DRAIN VALVE



STYLE "A"



STYLE "B"

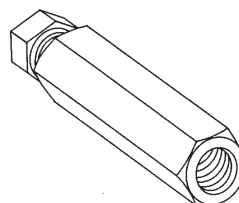


STYLE "C"

MERITOR NO. (NEW GENUINE SLOAN)	REPLACES	SPECIFICATIONS		APPLICATION & GENERAL INFORMATION
		STYLE	CABLE LENGTH	
RSN401045	Sloan 401045 Midland 12105	"A"	60"	—
RSN401046	Sloan 401046	"A"	62"	—
RSN401047	Sloan 401047	"A"	48"	—
RSN401056	Sloan 401056	"A"	36"	—
RSN401075	Sloan 401075	"C"	—	—
RSN401095	Sloan 401095	"B"	48"	Low profile design to prevent breakage.

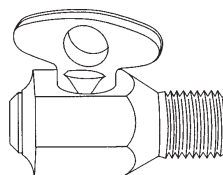
ACCESSORIES

HALDEX BRAKE SYSTEMS (MIDLAND) IN-LINE FILTERS



MERITOR WABCO		REPLACES HALDEX	DESCRIPTION
SERVICE NO.	OEM NO.		
RN10083K	899 381 283 4	KN31025	1 female port 1 male port (1/4" ports)
RKN31026	899 381 282 4	KN31026	2 female port (1/4" ports)

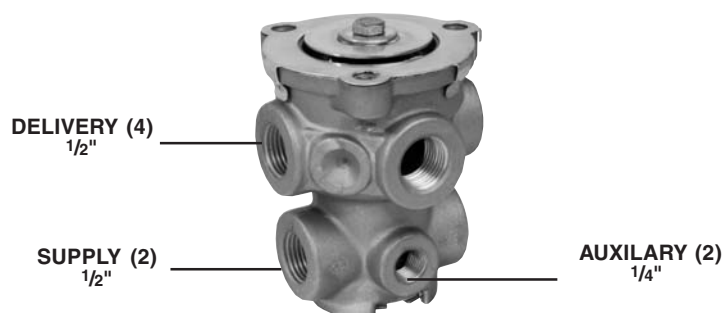
HALDEX BRAKE SYSTEMS (MIDLAND) PETCOCK DRAIN



MERITOR WABCO		REPLACES HALDEX	DESCRIPTION
SERVICE NO.	OEM NO.		
R10719	934 315 001 0	12110	1/4" NPTF

AIR BRAKE FOOT VALVES

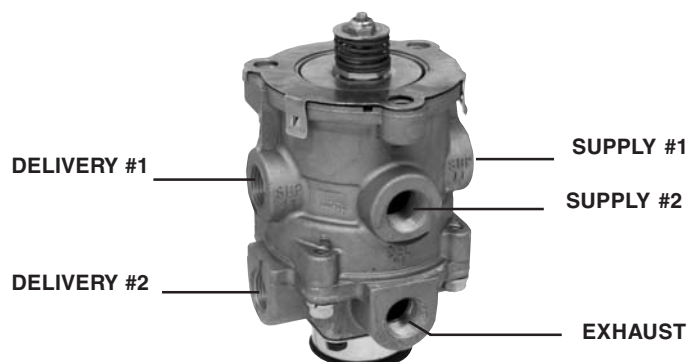
BENDIX R2 • R3 FOOT VALVE (Single Circuit)



MERITOR NO. NEW REPLACEMENT	REPLACES	DELIVERY PORTS	VALVE	APPLICATION & GENERAL INFORMATION
RBN277863N	Bendix 277863	(2) 1/2"	R3	Furnished less treadle and mounting brackets. (1) 1/4" PT Auxliary Ports

Single Circuit Foot Valve - Normally used on pre-FMVSS-121 vehicles. It is foot operated and controls the delivery of air to the brake chambers. Simply stated it provides the driver with a means of applying and releasing the brakes on a vehicle. The R2 and R3 foot valves are floor mounted and can be either treadle or lever actuated. The valves are identical except that the R3 has slightly longer plunger travel that provides a softer "feel" than the R2.

BENDIX R6 FOOT VALVE (Dual Circuit)



MERITOR NO. NEW REPLACEMENT	REPLACES	DELIVERY PORTS	APPLICATION & GENERAL INFORMATION
RBN286171N	Bendix 286171	(2) 1/2"	Furnished less treadle and mounting brackets.

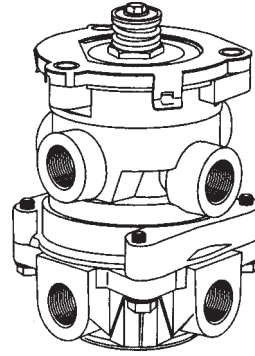
Dual Circuit Foot Valves - A dual foot valve has two separate circuits for service and secondary braking, and is used in dual circuit air brake systems mandated by FMVSS-121. Braking ability is maintained in the event that one circuit fails.

- All supply and delivery ports are 3/8" PT. Two supply ports are serviced from the number 1 reservoir and 2 are serviced by the number 2 reservoir. Two delivery ports actuate the primary circuit and 2 actuate the secondary circuit. The R6 is a floor mounted treadle operated valve with two separate supply and delivery circuits.

AIR BRAKE FOOT VALVES

HALDEX BRAKE SYSTEMS (MIDLAND)

DUAL FOOT VALVE (Dual Circuit)



Repair Kits:
RRN10HV for RN30099LA

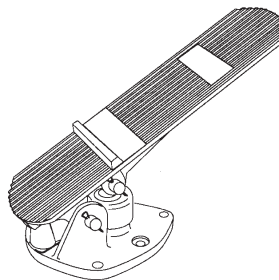
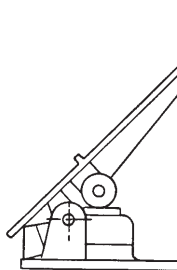
MERITOR WABCO		REPLACES HALDEX	DELIVERY PORTS	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.			
RKN22150	961 899 001 0	KN22150	3/8"	With studs, nuts, lockwashers
RKN30099LB	961 899 002 0	KN22150	3/8"	—
—	961 899 003 0	KN22150*	PTC	With stoplight switches, N30099LJ
RKN22153	961 899 001 0	KN22150**	PTC	N30099LL

Dual Circuit Foot Valves - A dual foot valve has two separate circuits for service and secondary braking, and is used in dual circuit air brake systems mandated by FMVSS -121. Braking ability is maintained in the event that one circuit fails. *All supply and delivery ports are

3/8" PT. Two supply ports are serviced from the number 1 reservoir and 2 are serviced by the number 2 reservoir. Two delivery ports actuate the primary circuit and 2 actuate the secondary circuit. The Midland dual circuit foot valve is a floor mounted treadle operated valve with two separate supply and delivery circuits.

PTC = Push to connect. * = PTC one top supply (1), one bottom supply (2) on the same side of valve, ** = PTC all (4) supply ports.

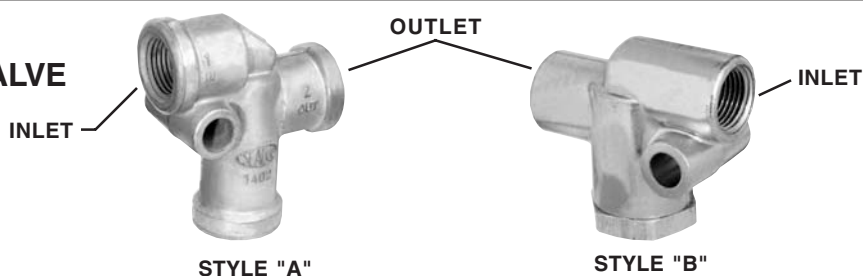
ALUMINUM TREADLES



MERITOR WABCO		REPLACES HALDEX	PEDAL ANGLE	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.			
RN30056BR	961 899 712 2	SN4017A	45°	<ul style="list-style-type: none"> • A lightweight, strong pedal for*brake application valves. • Logo is cast in pedal surface - won't wear off. • Replaces most steel pedals on today's vehicles. • Interchanges with most competitive models. • Weight 2.2 lbs.
RSN4017E	961 899 710 2	SN4017E	34°	
RN30056BW	961 899 713 2	SN4017F	27°	

AIR BRAKE PROTECTION VALVES

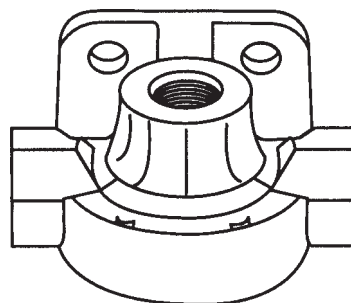
SEALCO PRESSURE PROTECTION VALVE



MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	SPECIFICATIONS					QUICK FIX REPAIR KIT
		STYLE	INLET	OUTLET	OPEN	CLOSE	
RSL140380	—	"A"	1/4"	1/4"	80 psi	70 psi	RSL140281
RSL140280	—	"A"	3/8"	3/8"	80 psi	70 psi	RSL140281
RSL140290	—	"A"	3/8"	3/8"	90 psi	80 psi	—
RSL140370	—	"A"	1/4"	1/4"	70 psi	60 psi	RSL140271
RSL140200	Sealco 140200	"A"	3/8"	3/8"	70 psi	60 psi	RSL140201
RSL140390	Sealco 140390	"A"	3/8"	3/8"	80 psi	70 psi	—
RSL110258	Sealco 110258	"B"	3/8"	3/8"	75 psi	70 psi	—
RSL140270	—	"A"	3/8"	3/8"	70 psi	60 psi	RSL140271
RSL140280	—	"A"	3/8"	3/8"	80 psi	70 psi	—
RSL110257	—	"B"	3/8"	3/8"	75 psi	70 psi	—

QUICK RELEASE VALVES

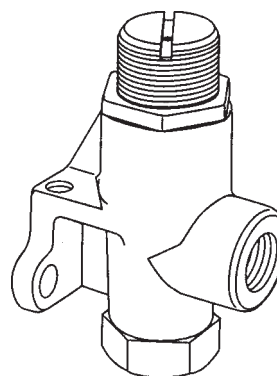
HALDEX BRAKE SYSTEMS (MIDLAND)



MERITOR WABCO		REPLACES HALDEX	SUPPLY	OUTLET DELIVERY PORTS	DIFFERENTIAL PSI	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.					
RKN37003	937 899 007 0	KN32003	1/2"	3/8"	3	<ul style="list-style-type: none"> Used wherever a quick release function is required in the air brake system. Made of durable EGC (Engineering Grade Composite). Corrosion and weather resistant. Utilizes an oil resistant diaphragm for longer life. Aids in meeting FMVSS-121 timing requirements. Weight 0.31 lb.
RN20959EB	937 899 003 0	KN32005	3/8"	3/8"	0	
RN20959HB	937 899 004 0	KN32006	3/8"	3/8"	3	
RKN32011	937 899 002 0	KN32011	1/2"	3/8"	0	
RKN37050	937 899 008 0	KN32050	1/2"	3/8"	6	
RKN37060 RKN32060	937 899 001 0	KN32060	3/8"	3/8"	6	

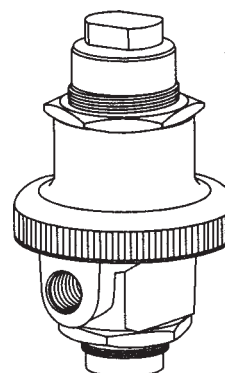
AIR REGULATING VALVES

ADJUSTABLE



MERITOR WABCO		REPLACES HALDEX	CRACK PRESSURE	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.			
RKN31050	934 499 003 0	KN31050	45 psi	<ul style="list-style-type: none"> • For auxiliary systems only. Not used in the brake system. • Used in air systems where reduced levels are required. • Pressure settings are based on 100 psi supply. • Designed for constant supply, not on-off applications. • A popular use is with air cylinders on bus door operators. • All ports 1/4-inch. • Weight 0.31 lb.
RKN31060	934 499 005 0	KN31060	65 psi	

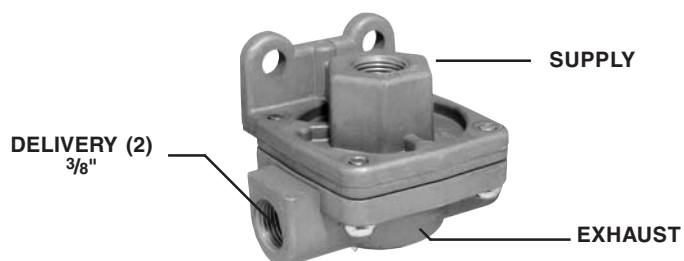
ADJUSTABLE



MERITOR WABCO		REPLACES HALDEX	PEDAL ANGLE	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.			
RKN31080	934 499 008 0	KN31080	60 psi	<ul style="list-style-type: none"> • Factory PSI pre-set at charted levels. • Used wherever a reduced pressure is required. • Can be used with air assisted transmission such as Full RoadRanger or Spicer. • Weight 1.25 lbs.

AIR BRAKE QUICK RELEASE VALVES

BENDIX QR-1 QUICK RELEASE VALVE



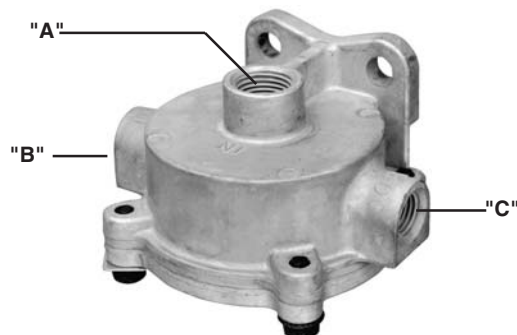
RBN229859X Shown

MERITOR NO. NEW REPLACEMENT	REPLACES	SPECIFICATIONS			APPLICATION & GENERAL INFORMATION
		DELIVERY	SUPPLY	CRACK PRESSURE	
RBN229859N	Bendix 229859	3/8" (2)	3/8"	1 psi	—
RBN229860N	Bendix 229860	3/8" (2)	1/2"	1 psi	
R10791	Bendix 229859	3/8"	3/8"	1 psi	New plastic composite material.
R10790	Bendix 229860	3/8"	1/2"	1 psi	

Quick Release Valve - Decreases the release time on a brake application by rapidly exhausting air through itself rather than through the controlling valve. It is normally installed adjacent to the device that is being controlled.

(1) Has a 3/8" PT exhaust port.

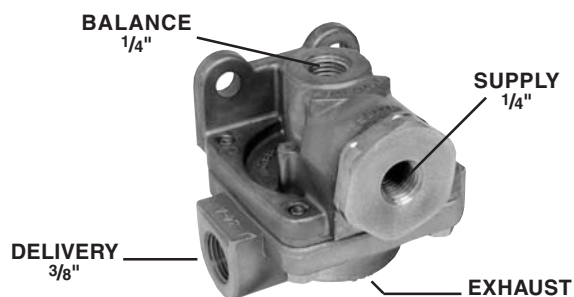
SEALCO QUICK RELEASE VALVES



MERITOR NO. (NEW GENUINE SEALCO)	REPLACES SEALCO	CRACK PRESSURE	PORT SIZE P.T.				APPLICATION & GENERAL INFORMATION
			"A"	"B"	"C"	EXHAUST	
RSL2000B3/8	2000B-3/8	4-5 psi	3/8"	1/4"	1/4"	—	Repair Kit RSL20-5
RSL2000B1/2	2000B-1/2	4-5 psi	1/2"	3/8"	3/8"	—	
RSL2000C3/8	2000C-3/8	8-10 psi	3/8"	1/4"	1/4"	—	
RSL2000C1/2	2000C-1/2	8-10 psi	1/2"	3/8"	3/8"	—	Repair Kit RSL20D-5
RSL2000D3/8	2000D-3/8	0-1 psi	3/8"	1/4"	1/4"	—	
RSL2000D1/2	2000D-1/2	0-1 psi	1/2"	3/8"	3/8"	—	
RSL200000	200000	0-1 psi	1/4"	1/4"	1/4"	—	Repair Kit RSL200125
RSL200001	200001	0-1 psi	3/8"	3/8"	3/8"	1/2"	Repair Kit RSL20D-5
RSL200002	200002	0-1 psi	1/2"	3/8"	3/8"	1/2"	
RSL200003	200003	0-1 psi	3/8"	1/4"	1/4"	1/2"	
RSL200004	200004	0-1 psi	1/4"	1/4"	1/4"	1/2"	

AIR BRAKE QUICK RELEASE VALVES

BENDIX QR-1C QUICK RELEASE VALVE (With Double Check Valve)

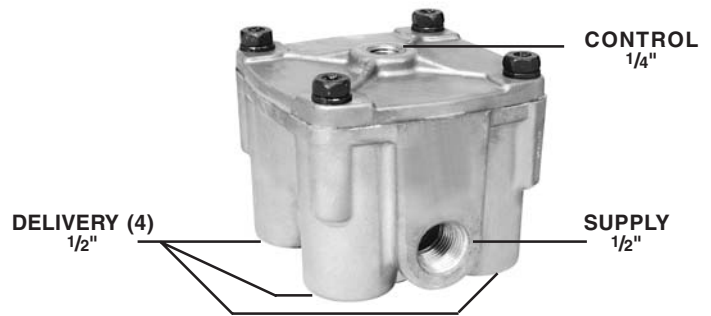


MERITOR NO. NEW REPLACEMENT	REPLACES	SPECIFICATIONS			APPLICATION & GENERAL INFORMATION
		DELIVERY	SUPPLY	CRACK PRESSURE	
RBN289714N	Bendix 289714	3/8"	1/2"	1 psi	—

Quick Release Valve with Double Check Valve - Incorporates both a quick release and a double check valve. Functions as a quick release for the emergency side of the spring brakes, while the double check valve prevents simultaneous application of the emergency side of the spring brake (Anti-Compounding).

AIR BRAKE RELAY VALVES

BENDIX R-12 RELAY VALVE

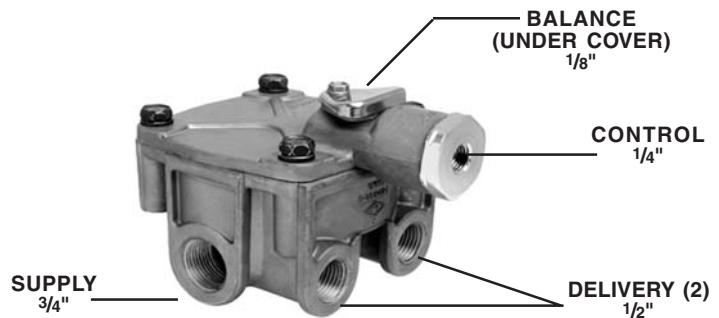


RBN102626N Shown

MERITOR NO. NEW REPLACEMENT	REPLACES	CRACK PRESSURE	DELIVERY PORT SIZE	APPLICATION & GENERAL INFORMATION
RBN102626N	Bendix 102626	4.0 psi	1/2"	<ul style="list-style-type: none"> The vertical mount R-12 has 4 delivery ports located on the bottom of the valve. (1) 1/4" PT service port (2) 1/2" PT supply port <p>Universal mounting bracket R153200 supplied with all R-12 relay valves.</p>

Relay Valve - Used to rapidly apply and release rear axle(s), service, or parking brakes. When signaled by the service brake valve, they graduate, hold or release air pressure from the chambers to which they are connected. The relay valve is used to balance the time of air application on the vehicle. This is determined by the factory preset "crack pressure" of the valve. Crack pressure is set on a relay valve by a "hold-off" spring that retards valve operation until a predetermined amount of air pressure is exerted.

BENDIX R-14H RELAY VALVE



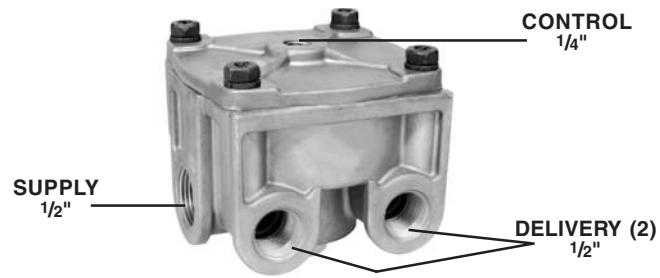
RBN103009N Shown

MERITOR NO. NEW REPLACEMENT	REPLACES	CRACK PRESSURE	APPLICATION & GENERAL INFORMATION
RBN103010N	Bendix 103010	4.0 psi	<ul style="list-style-type: none"> (2) 1/2" PT delivery ports located on the side of the valve. (1) 1/4" PT service port. (2) 3/4" PT supply ports. (1) 1/8" PT balance port located under the exhaust cover. <p>The balance port provides an anti-compounding feature that prevents simultaneous application of the service and parking sides of the spring brake, and allows the valve to control spring brakes and service brakes.</p> <p>Universal mounting bracket R153200 supplied with all R-14 relay valves.</p>

Relay Valve - Used to rapidly apply and release rear axle(s), service, or parking brakes. When signaled by the service brake valve, they graduate, hold or release air pressure from the chambers to which they are connected. The relay valve is used to balance the time of air application on the vehicle. This is determined by the factory preset "crack pressure" of the valve. Crack pressure is set on a relay valve by a "hold-off" spring that retards valve operation until a predetermined amount of air pressure is exerted.

AIR BRAKE RELAY VALVES

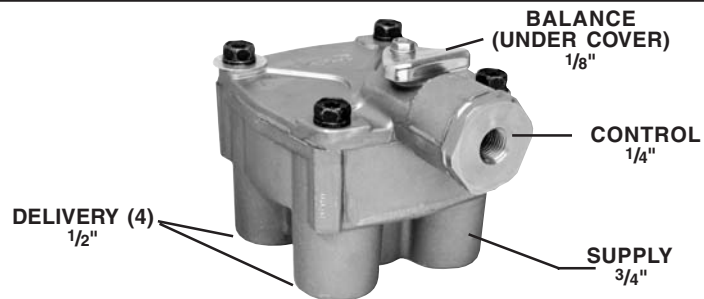
BENDIX R-12H RELAY VALVE



MERITOR NO. NEW REPLACEMENT	REPLACES	CRACK PRESSURE	SUPPLY PORT SIZE	APPLICATION & GENERAL INFORMATION
RBN103009N	Bendix 103009	4.0 psi	3/4"	<ul style="list-style-type: none"> The horizontal mount R-12H has 2 delivery ports located on the side of the valve. (1) 1/4" PT service port (2) 1/2" PT delivery ports. <p>Universal mounting bracket R153200 supplied with all R-12 relay valves.</p>

Relay Valve - Used to rapidly apply and release rear axle(s), service, or parking brakes. When signaled by the service brake valve, they graduate, hold or release air pressure from the chambers to which they are connected. The relay valve is used to balance the time of air application on the vehicle. This is determined by the factory preset "crack pressure" of the valve. Crack pressure is set on a relay valve by a "hold-off" spring that retards valve operation until a predetermined amount of air pressure is exerted.

BENDIX R-14 RELAY VALVE



MERITOR NO. NEW REPLACEMENT	REPLACES	CRACK PRESSURE	APPLICATION & GENERAL INFORMATION
RBN103028N	Bendix 103028	4.0 psi	<ul style="list-style-type: none"> (2) 1/2" PT delivery ports located on the side of the valve. (1) 1/4" PT service port. (2) 1/2" PT supply port. (1) 1/8" PT balance port located under the exhaust cover.

Relay Valve - Used to rapidly apply and release rear axle(s), service, or parking brakes. When signaled by the service brake valve, they graduate, hold or release air pressure from the chambers to which they are connected. The relay valve is used to balance the time of air application on the vehicle. This is determined by the factory preset "crack pressure" of the valve. Crack pressure is set on a relay valve by a "hold-off" spring that retards valve operation until a predetermined amount of air pressure is exerted.

The balance port provides an anti-compounding feature that prevents simultaneous application of the service and parking sides of the spring brake, and allows the valve to control spring brakes and service brakes.

Universal mounting bracket R153200 supplied with all R-14 relay valves.

AIR BRAKE RELAY VALVES

HALDEX BRAKE SYSTEMS (MIDLAND)

RELAY VALVE (2 PORT DELIVERY)



Repair Kit RRN10HK

MERITOR WABCO		REPLACES HALDEX	CRACK PRESSURE	DELIVERY PORTS	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.				
RKN28071 ⁽²⁾	937 298 001 0	KN28071	4.0 psi ± 1 psi	(2) 1/2"	—
RKN28140 ⁽²⁾	937 898 005 0	KN28140	4.0 psi ± 1 psi	(2) 1/2"	

Relay Valve - Used to rapidly apply and release rear axle(s), service, or parking brakes. When signaled by the service brake valve, they graduate, hold or release air pressure from the chambers to which they are connected. The relay valve is used to balance the time of air application on the vehicle. This is determined by the factory preset "crack pressure" of the valve. Crack pressure is set on a relay valve by a "hold-off" spring that retards valve operation until a predetermined amount of air pressure is exerted.

(1) Built in anti-compounding two way check valve that prevents simultaneous application of the service and parking sides of the spring brake, and allows the valve to control spring brakes and service brakes.

(2) Cover rotated 90° and only (1) 1/2" PT supply port and (1) 1/4" PT control port.

HALDEX BRAKE SYSTEMS (MIDLAND)

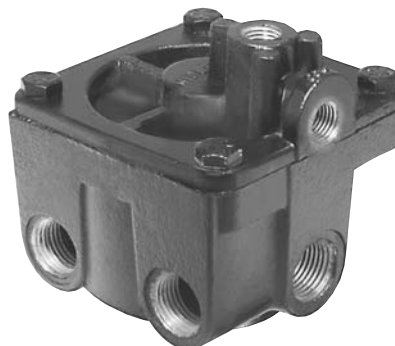


MERITOR WABCO		REPLACES HALDEX	CRACK PRESSURE	DELIVERY PORTS	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.				
RKN28065X ⁽²⁾	973 898 001 0	KN28065	4.0 psi ± 1 psi	(2) 1/2"	—

Relay Valve - Used to rapidly apply and release rear axle(s), service, or parking brakes. When signaled by the service brake valve, they graduate, hold or release air pressure from the chambers to which they are connected. The relay valve is used to balance the time of air application on the vehicle. This is determined by the factory preset "crack pressure" of the valve. Crack pressure is set on a relay valve by a "hold-off" spring that retards valve operation until a predetermined amount of air pressure is exerted.

AIR BRAKE RELAY VALVES

HALDEX BRAKE SYSTEMS (MIDLAND) (Two Delivery Ports)

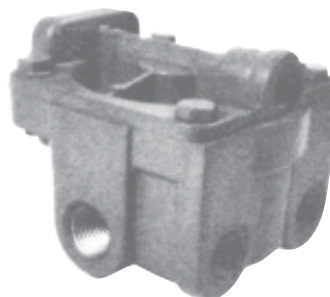


MERITOR WABCO		REPLACES HALDEX	CRACK PRESSURE	DELIVERY PORTS	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.				
RN30106F	973 298 013 0	KN28131	4.0 psi ± 1 psi	(2) 1/2"	<ul style="list-style-type: none"> • 3 PSI pressure differential. • (2) 1/4" PT control ports. • (2) 1/2" PT supply ports. • Cover may be rotated 180° without affecting performance.
RN30106C	973 298 012 0	N30106C			

Relay Valve - Used to rapidly apply and release rear axle(s), service, or parking brakes. When signaled by the service brake valve, they graduate, hold or release air pressure from the chambers to which they are connected. The relay valve is used to balance the time of air application on the vehicle. This is determined by the factory preset "crack pressure" of the valve. Crack pressure is set on a relay valve by a "hold-off" spring that retards valve operation until a predetermined amount of air pressure is exerted.

HALDEX BRAKE SYSTEMS (MIDLAND)

-FAB-VALVE (Fast Air and Balancing Valve) (Two Delivery Ports)



MERITOR WABCO		REPLACES HALDEX	CRACK PRESSURE	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.			
E-MDKN28300X	973 298 0100 0	KN28300	0 psi	<ul style="list-style-type: none"> • (2) 1/2" PT delivery ports. • (1) 1/2" PT service port. • (1) 3/8" PT supply port.

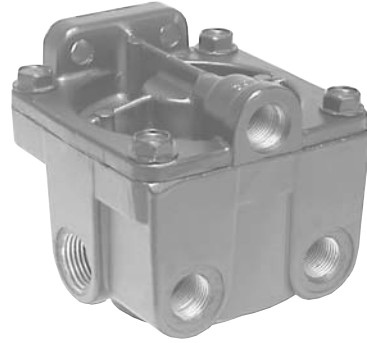
Relay Valve - Used to rapidly apply and release rear axle(s), service, or parking brakes. When signaled by the service brake valve, they graduate, hold or release air pressure from the chambers to which they are connected. The relay valve is used to balance the time of air application on the vehicle. This is determined by the factory preset "crack pressure" of the valve. Crack pressure is set on a relay valve by a "hold-off" spring that retards valve operation until a predetermined amount of air pressure is exerted.

The RKN28300 is specifically designed for use on semi-trailer converter dollies. It has a 0 PSI differential between the service and delivery ports. Standard relay valves have a 2-4 PSI pressure differential.

AIR BRAKE RELAY VALVES

HALDEX BRAKE SYSTEMS (MIDLAND)

(Two-Four Delivery Ports)



MERITOR WABCO		REPLACES HALDEX	CRACK PRESSURE	RESERVIOR	DELIVERY	CONTROL
SERVICE NO.	OEM NO.					
RKN28060	973 298 004 0	KN28060	4.6 psi ± 1.5 psi	1/2"	3/8"	3/8"
RKN28061	973 298 006 0	KN28061	4.6 psi ± 1.5 psi	1/2"	1/2"	
RKN28080*	973 298 008 0	KN28080	7.0 psi ± 1.5 psi	1/2"	3/8"	

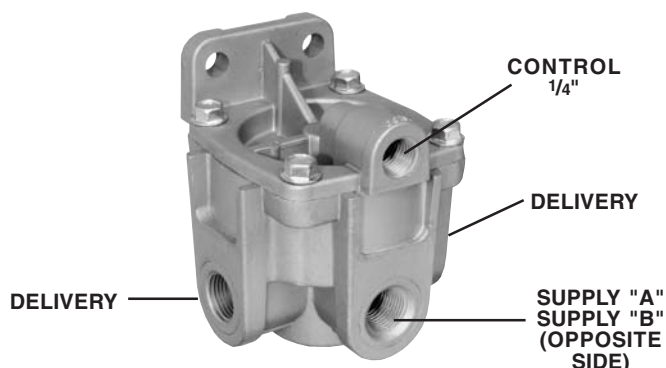
NOTE: Cover may be rotated 360° without affecting performance.

* NOTE: Four port delivery.

Relay Valve - Used to rapidly apply and release rear axle(s), service, or parking brakes. When signaled by the service brake valve, they graduate, hold or release air pressure from the chambers to which they are connected. The relay valve is used to balance the time of air application on the vehicle. This is determined by the factory preset "crack pressure" of the valve. Crack pressure is set on a relay valve by a "hold-off" spring that retards valve operation until a predetermined amount of air pressure is exerted.

AIR BRAKE RELAY VALVES

MIDLAND RG-2 RELAY VALVE



RMDKN28510N Shown

MERITOR NO. NEW REPLACEMENT	REPLACES	SPECIFICATIONS				APPLICATION & GENERAL INFORMATION
		DELIVERY	SUPPLY "A"	SUPPLY "B"	CRACK PRESSURE	
RMDKN28500N	Midland KN28500	3/8" (2)	3/8"	3/8"	5.5 psi	—
	Wagner AE78880					
RMDKN28510N	Midland KN28510	3/8" (2)	1/2"	3/8"	5.5 psi	—
	Wagner AE78889					
RMDKN28520N	Midland KN28520	1/2" (2)	1/2"	1/2"	5.5 psi	—
	Wagner AE78887					

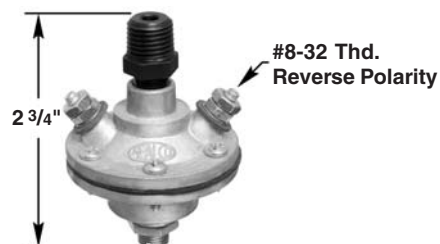
WAGNER RG2 TO MIDLAND PART NUMBER INTERCHANGE

Configuration of ports will vary by Midland OEM number
Plugs may be required on service units to match
OEM or original Wagner port configurations.

WAGNER PART NUMBER	MIDLAND OEM NUMBER	MERITOR REPLACEMENT FOR MIDLAND SERVICE NUMBER
AE78880	N30108AA	RMDKN28500
AE78880	N30108AJ	RMDKN28500
AE78882	N30108AC	RMDKN28510
AE78886	N30108AG	RMDKN28500
AE78887	N30108AH	RMDKN28520
AE78889	N30108AK	RMDKN28510
AE86310	N30108BA	RMDKN28500
AE86311	N30108BB	RMDKN28500
AE86313	N30108BC	RMDKN25810
AE86314	N30108BE	RMDKN28510
AE86318	N30108BD	RMDKN28510
—	N30108BK	RMDKN28510

AIR BRAKE SPRING BRAKE VALVES, SWITCHES & INDICATORS

SEALCO LOW PRESSURE SWITCH



• Use Repair Kits RSL80-5

MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	FITTING	MOUNTING	APPLICATION & GENERAL INFORMATION
RSL8000	Sealco 8000	1/4" M.P.T.	Nipple	Factory Set at 60 psi
RSL8000B	Sealco 8000B	1/8" F.P.T	Bracket 820	Adjustment Range 45 psi to 100 spi

SEALCO STEP LIGHT SWITCH



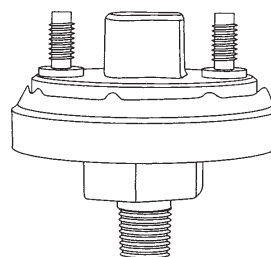
• Use Repair Kits RSL81-5

MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	FITTING	MOUNTING	APPLICATION & GENERAL INFORMATION
RSL8100	Sealco 8100	1/4" M.P.T.	Nipple	—
RSL8100B	Sealco 8100B	1/8" F.P.T	Bracket 820	

ELECTRICAL ELECTRO-PNEUMATIC SWITCHES

HALDEX BRAKE SYSTEMS (MIDLAND)

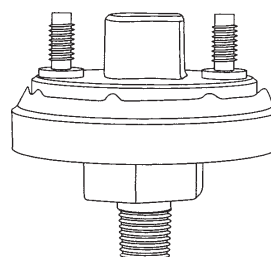
Tractor Spring Brake Circuit Light Switch



MERITOR WABCO		REPLACES HALDEX	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.		
RBE13240	894 041 608 2	BE13240	<ul style="list-style-type: none"> • Actuates at 55 psi. • Single pole, two terminal design. • Circuit normally closed at 0 pressure.

HALDEX BRAKE SYSTEMS (MIDLAND)

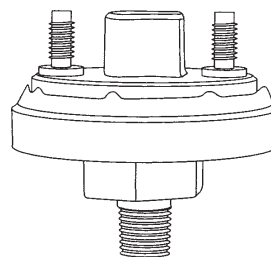
Low Air Switch



MERITOR WABCO		REPLACES HALDEX	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.		
RBE13241A	894 041 606 2	BE13241	<ul style="list-style-type: none"> • Actuates at 66 psi. • Single pole, two terminal design. • Circuit normally closed at 0 pressure.

HALDEX BRAKE SYSTEMS (MIDLAND)

Service Circuit Stoplight Switch



MERITOR WABCO		REPLACES HALDEX	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.		
R3250	894 041 605 2	BE13250	<ul style="list-style-type: none"> • Actuates at 3-5 psi. • Single pole, two terminal design. • Circuit normally closed at 0 pressure. • Solid state contacts. • Snap action design to increase switch life. • Tested at one million cycles at 30 Amps.

AIR BRAKE MISCELLANEOUS VALVES & DRYERS

SEALCO SLUDGE REMOVER VALVE

Repair Kits
RSL6300-5 plug unit assembly
RSL663-5 major kit
RSL63-5 minor kit



MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	APPLICATION & GENERAL INFORMATION
RSL6300	Sealco SL6300	<ul style="list-style-type: none"> • All Ports 1/4" PT

SEALCO AIR STARTER VALVE

Repair Kits
RSL6900-5 plug unit
RSL69-5 repair kit

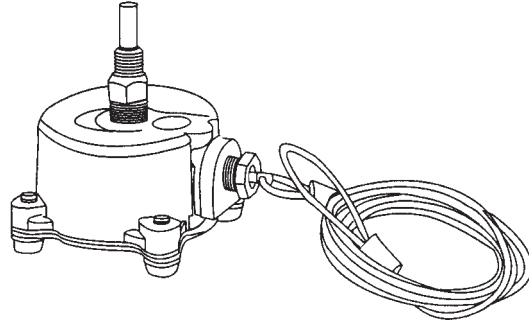


MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	APPLICATION & GENERAL INFORMATION
RSL6900	Sealco SL6900	<ul style="list-style-type: none"> • (1) 1" PT Inlet • (1) 1/4" PT Application port • (1) 1" PT Outlet

AIR BRAKE DRAIN VALVES

AUTOMATIC, HEATED

Replacement Parts:
R10027 - 5" Cable Kit
RKN24100 - Filter Assembly



MERITOR WABCO		REPLACES HALDEX	MANUAL DRAIN VALVE	CABLE LENGTH	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.				
RN20879A	934 315 028 0	KN24001	Yes	5'	<ul style="list-style-type: none"> • Heated (12-volt 5 AMP). • Mounts to side or bottom of wet tank. • Exhaust port must be facing down. • Functions when pressure varies in air tank. • Only one moving part. • Cable looped on both ends. • Direct replacement for Bendix DV2. • All models have 1/4-18 threaded ports. • Weight 1.13 lbs. For service unit only.
—	934 316 009 0	KN24003*	Yes	64"	
TRN20879DA	934 315 003 0	KN24005*	Yes	—	

AIR BRAKE MISCELLANEOUS VALVES & DRYERS

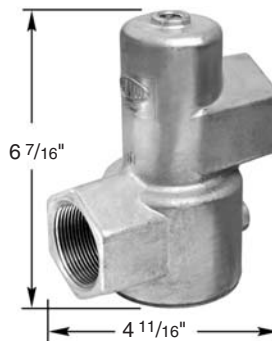
SEALCO AUTOMATIC DRAIN VALVE



Repair Kits RSL103-5

MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	APPLICATION & GENERAL INFORMATION
RSL10300-12	Sealco 10300-12	—

SEALCO AIR STARTER VALVE



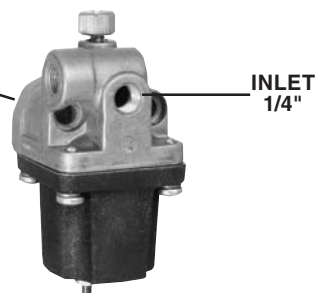
Repair Kits RSL109-5

MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	INLET	OUTLET	MOUNT HOLES	"O" RING MATERIAL	APPLICATION & GENERAL INFORMATION
RSL10900	Sealco 10900	1 1/2" PT	1 1/2" PT	No	Nitrile	—
RSL110250	Sealco 110250	1 1/2" PT	1 1/2" PT	No	Nitrile	—
RSL110390	Sealco 110390	1 1/4" PT	1 1/4" PT	No	Viton	—
RSL14900	Sealco 14900	1 1/4" PT	1 1/4" PT	Yes	Nitrile	—

ENGINE - FUEL SOLENOID VALVE

CUMMINS FUEL SOLENOID VALVE

OUTLET OPPOSITE SIDE
OF INLET
(UNTHREADED)



MERITOR NO. NEW REPLACEMENT	REPLACES	VOLTAGE	APPLICATION & GENERAL INFORMATION
RCUBM69973-12N	Cummins BM69973-12	12 Volt	—
RCUBM69973-24N	Cummins BM69973-24	24 Volt	

MIDLAND SOLENOID AIR VALVE



MERITOR NO. NEW REPLACEMENT	REPLACES	VOLTAGE	APPLICATION & GENERAL INFORMATION
RMDKN68230N	Midland KN68230	12 Volt	Used to control shifting on two speed axles.
RMDKN68237N	Midland KN68237	24 Volt	

SEALCO AIR TANK SAFETY VALVE



MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	SPECIFICATIONS		APPLICATION & GENERAL INFORMATION
		"POP OFF" PRESSURE	THREAD	
RSL110127	Sealco 110127	150 psi Factory Set	1/4 PT	—

AIR BRAKE SAFETY VALVES & FITTINGS

SLOAN AIR TANK SAFETY VALVE



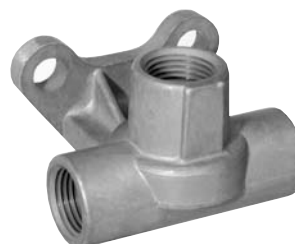
MERITOR NO. (NEW GENUINE SLOAN)	REPLACES	SPECIFICATIONS		APPLICATION & GENERAL INFORMATION
		"POP OFF" PRESSURE	THREAD	
RSN401004	Sloan 401004 Bendix 284142 Midland KN31200	150 psi	1/4"	—

SEALCO MOUNTING NIPPLE



MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	NPT SIZE	APPLICATION & GENERAL INFORMATION
RSL616	Sealco 616	3/4" Male x 1/2" Male	Hex area between ends.
RSL617	Sealco 617	3/4" Male x 1/2" Male	Female and Hex outside.
RSL6002	Sealco 6002	1/2" Male x 1/2" Male	—
RSL6003	Sealco 6003	3/4" Male x 1/2" Male	—
RSL6006	Sealco 6006	3/4" Male x 3/4" Male	—

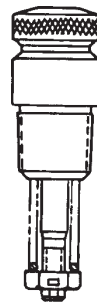
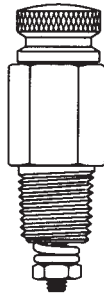
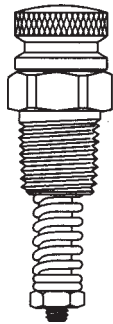
SEALCO FRAME MOUNT TEE



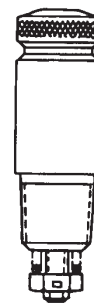
MERITOR NO. (NEW GENUINE SEALCO)	REPLACES	PORT SIZE	APPLICATION & GENERAL INFORMATION
RSL780212	Sealco 780212 Bendix 236056	3/8" (3)	—

PRESSURE RELIEF VALVES

HALDEX BRAKE SYSTEMS (MIDLAND)



SHORT

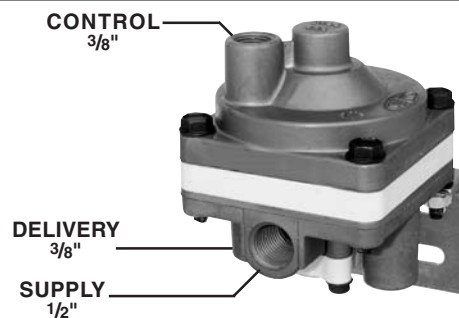


LONG

MERITOR WABCO		REPLACES HALDEX	THREAD	BODY LENGTH	APPLICATION & GENERAL INFORMATION
SERVICE NO.	OEM NO.				
FOR AIR RESERVOIR INSTALLATIONS		KN31300	1/2"	Short	<ul style="list-style-type: none">• Made of brass and stainless steel.• Won't rust or corrode.• Factory set at 150 psi.• Weight: Short 0.2 lb. Long 0.3 lb.
RKN31300	963 880 003 0				
FOR AIR RESERVOIR INSTALLATIONS		KN31400	1/4"	Short	
RKN31400	963 880 010 0				
—	—	KN31500	1/2"	Long	

AIR BRAKE CONTROL VALVE

SEALCO CONTROL LINE VALVE



MERITOR NO. NEW REPLACEMENT	REPLACES	CRACK PRESSURE	APPLICATION & GENERAL INFORMATION
RSL110580	Sealco 110580	0.0 psi	Includes mounting bracket.
RSL110790	Sealco 110790	—	Without bracket, can be nipple mount.

SEALCO EMERGENCY CONTROL VALVE



Repair Kit

- RSL110162 Spool Assembly
- RSL110166 Repair Kit

MERITOR NO. NEW REPLACEMENT	REPLACES	APPLICATION & GENERAL INFORMATION
RSL110376	Sealco 110376	For use on single axle non-charging systems.

NOTES



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RMDKN68230N	148	RSL140200	133	S894 590 063 2	81		
RMDKN68237N	148	RSL140270	133	S894 590 064 2	81		
RMN65102	113	RSL140280	133	S899 760 510 4	80		
RMN65103	113	RSL140290	133	SMA2124504	59		
RMN65106	113	RSL140370	133	SMA2124505	59		